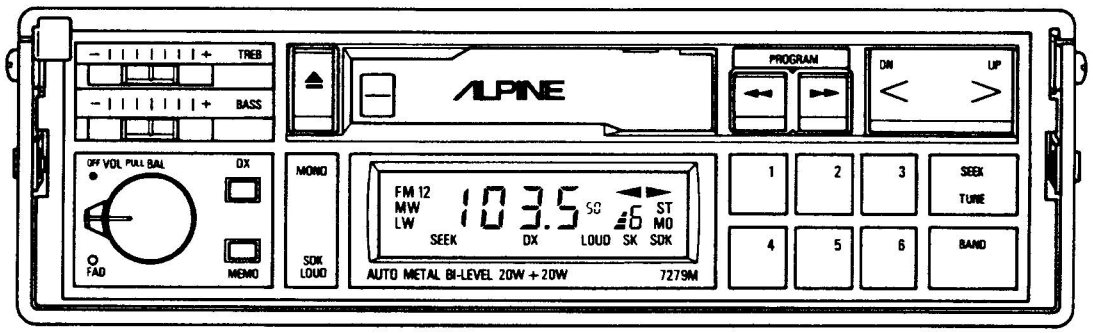
ALPINE SERVICE MANUAL

Digital Tuner Cassette



"For the cassette deck mechanism parts (GT75B01B/GT75B01C) of this model, refer to the GT Series Service Manual (Part No. 68P92539F02)."

Cassette Deck Mechanisms by Serial Numbers.

	7279M	7279L	7279E
GT75B01B	Before 80511500	Before 80510123	Not Used
GT75B01C	After 80511501-A	After 80510124-A	No Classification

7279M/L/E

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Specifications

FM RADIO

Intermediate Frequency ····· 10.7±0.1MHz
Frequency Range ····· 87.5 to 108MHz
Usable Sensitivity (Stereo at 98.1MHz) ····· 19.2dBf (7279M/L Models Only)
17.2dBf (7279E Model Only)
Limiting Sensitivity (98.1MHz) ····· 14.2±5dBf (7279M/L Models Only)
S/N Ratio (Stereo 60dB μ 98.1MHz) ····· 50dB (7279M/L Models Only)
48dB (7279E Model Only)
Image Rejection (at 106.1MHz) ····· 40dB
IF Rejection (at 90.1MHz) ····· 60dB
Distortion (Input 1V at 98.1MHz) ····· 1%
Frequency Response (Ref. 400Hz) ····· 80Hz : 0±3dB (7279E Model Only)
100Hz : 0±3dB (7279M/L Models Only)
10kHz : −12±3dB
Stereo Separation (at 1,000Hz) ····· 25dB

AM RADIO (7279E Model Only)

Intermediate Frequency ····· 450kHz
Frequency Range ····· 531 to 1,602kHz
Sensitivity 20dB S/N (at 999kHz) ····· 45.2dBf
S/N Ratio (at 999kHz) ····· 44dB
Image Rejection (at 1,404kHz) ····· 44dB
IF Rejection (at 603kHz) ····· 60dB
Distortion (at 999kHz) ····· 2%
Frequency Resopnse ····· 100Hz : −3±5dB
4kHz : −12±5dB

MW RADIO (7279M/L Models Only)

Intermediate Frequency	450±5kHz
Frequency Range	531 to 1,602kHz
Sensitivity 20dB S/N (at 999kHz)	45.2dBf
S/N Ratio (at 999kHz)	44dB
Image Rejection (at 1,404kHz)	45dB
IF Rejection (at 603kHz)	60dB
Distortion (at 999kHz)	1%
Frequency Response	100Hz : −3±3dB 4kHz : −12±6dB

LW RADIO (7279M/L Models Only)

Intermediate Frequency	450±5kHz
Frequency Range	153 to 281kHz
Sensitivity 20dB S/N (at 218kHz)	48.2dBf (7279L Model Only)
(at 216kHz)	48.2dBf (7279M Model Only)
S/N Ratio (at 218kHz)	40dB (7279L Model Only)
(at 216kHz)	40dB (7279M Model Only)
Image Rejection (at 272kHz)	40dB (7279L Model Only)
(at 270kHz)	40dB (7279M Model Only)
IF Rejection (at 218kHz)	50dB (7279L Model Only)
(at 216kHz)	50dB (7279M Model Only)
Distortion (at 400kHz)	1.5%
Frequency Response	−3±3dB (100Hz) −12±6dB (4kHz)

TAPE PLAYER

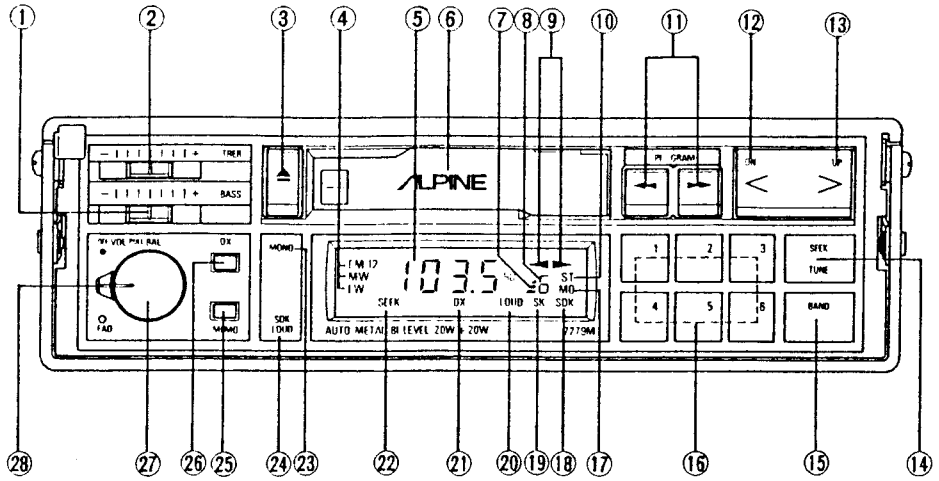
Tape Speed (MTT-111)	4.76cm/sec. +3% to −1%
Wow & Flutter (JIS, WRMS/MTT-111)	0.25%
S/N Ratio (MTT-112)	50dB (7279M/L Models Only) 52dB (7279E Model Only)
Distortion (MTT-118)	2%
Frequency Response (Ref. 1kHz, MTT-256)	63Hz −3dB to 10kHz −3dB (7279E Model Only)
(Ref. 1kHz, MTT-356)	63Hz −5dB to 10kHz −3dB (7279M/L Models Only)
Separation (MTT-141)	30dB
Crosstalk (MTT-121)	45dB
FF & RWD Time (C-60)	100 sec.

GENERAL

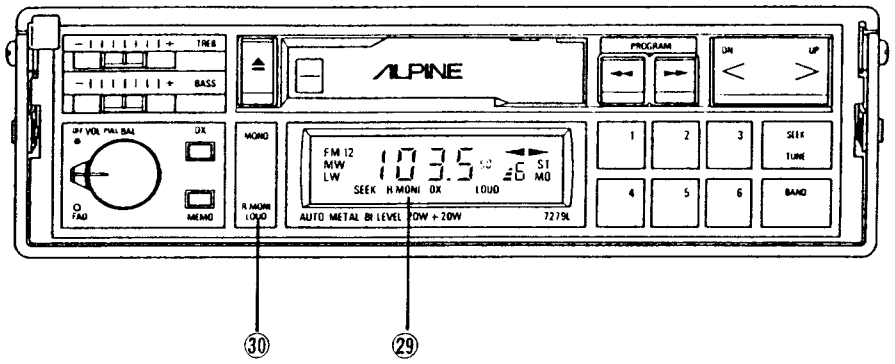
Load Impedance	4 ohms (Speaker Out)
Power Supply	14.4V DC
Power-Output (10% T.H.D)	400Hz : 9W/ch (7279E/M Models Only) 1kHz : 9W/ch (7279L Model Only)
Pre-Output Voltage	1.2V
Chassis Dimensions	178 (W) ×50 (H) ×160 (D) mm (7279L/M Models Only) 178 (W) ×50 (H) ×153 (D) mm (7279E Model Only)
Nose Dimensions	176 (W) ×50 (H) ×11 (D) mm (7279M/L Models Only) 171 (W) ×48 (H) ×15mm (7279E Model Only)
Semiconductors	9 IC's, 32 Transistors, 42 Diodes, 10 Zener Diodes, 1 IFT (7279E Model Only) 12 IC's, 43 Transistors, 49 Diodes, 13 Zener Diodes, 1 IFT (7279M Model Only) 16 IC's, 33 Transistors, 40 Diodes, 13 Zener Diodes, 1 IFT (7279L Model Only)
Weight	1.7kg (7279M/L Models Only) 1.8kg (7279E Model Only)

NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

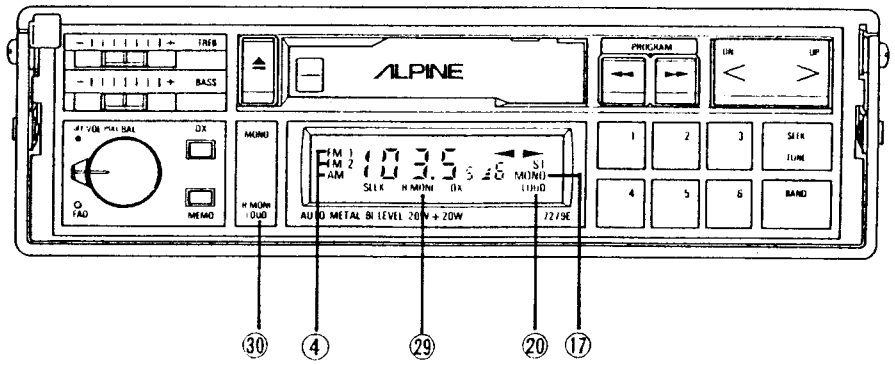
CONTROLS & INDICATORS



7279M model



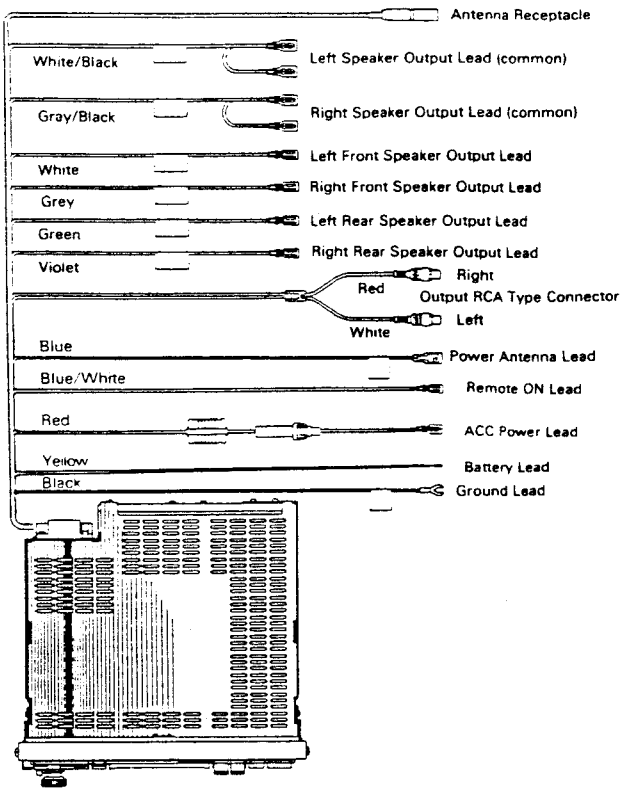
7279L model



7279E model

① BASS Control
② TREBle Control
③ EJECT Switch
④ Radio Band Indicator
⑤ Frequency Indicator
⑥ Cassette Loading Slot
⑦ Memory Indicator
⑧ Preset Channel Indicator
⑨ Tape Direction Indicator
⑩ FM Stereo Reception Indicator (ST)
⑪ PROGRAM/FF & REW Switches
⑫ Tuning (DN) Switch
⑬ Tuning (UP) Switch
⑭ SEEK TUNE Switch
⑮ BAND Select Switch
⑯ Station Preset Switches
⑰ Monaural Indicator (MO)
⑱ SDK Indicator (7279M model only)
⑲ SK Indicator (7279M model only)
⑳ LOUDness Indicator
㉑ DX (Local/Distance) Indicator
㉒ SEEK Tuning Indicator
㉓ Monaural Switch (MONO)
㉔ SDK/LOUDness** Switch (7279M model only)
㉕ MEMOry Switch
㉖ DX (Local/Distance) Switch
㉗ Power on/OFF Switch/VOLume Control/BALance Control (Pull)
㉘ FADer Control
㉙ Radio Monitor Indicator (R.MONI) (7279L/E models only)
㉚ R.MONI/LOUDness** Switch 7279L/E models only)

CONNECTIONS



Output RCA Type connectors
RCA type connectors are for connecting the unit to an unit having RCA type input terminals.

Power Antenna Lead
Connect the power antenna control lead (Blue) to the connector of full automatic power antenna. Power antenna control does not work with semi-automatic or manually operated antenna.

ACC Power Lead
This lead is to be connected to an ignition terminal in the vehicle's fuse box or a terminal which develops + 12 V when the ignition is turned on.

Remote ON Lead
If the unit is connected to your Amp unit with RCA jacks, connect the remote ON lead to the male connector of the unit remote ON lead.

CAUTION:
Before connecting any wire, set the volume level to minimum by turning the power ON/OFF switch knob counterclockwise.

OPERATION

‹TAPE PLAYER OPERATION›

1. Turn the power on by rotating the VOLume control/power switch ㉖ clockwise. With the tape opening to the right, insert the cassette into the loading slot as far as it will go. One of the tape direction indicators ⑨ will light and the tape will start playing.
2. If a metal or CrO_2 cassette tape is inserted, the tape mechanism automatically sets itself for 70μsec equalization.
3. Adjust VOLume ㉖, BASS ①, TREBle ②, BALance ㉘ and FADer ㉗ controls to suit your listening preference. Tape reverses automatically at the end of the tape to play the other side.
4. To change from side A to play side B or vice versa before the end of the tape is reached, press the PROGRAM switch ⑪.
5. To stop tape play, press the EJECT switch ③.
6. To turn the power OFF, fully rotate the VOLume control counterclockwise.

Winding the Tape Rapidly in Forward or Reverse Direction

1. Press the PROGRAM Switch (◀◀ or ▶▶ button) ⑪ until it locks and the tape will run rapidly in the designated direction.
2. Lightly press the other button to stop the Fast Winding mode. The tape will start playing again.
3. When the Fast Winding operation reaches the end of the tape, the mode will automatically switch to playback.

AUTO PAUSE
When the unit is removed from its bracket, it automatically goes into the Tape Pause Mode, the tape disengages from the capstan and pinch roller. When the unit is re-inserted into the bracket, tape play will resume from the point in which it was stopped.

Key-off Pause
If the ignition is turned off while a cassette is playing, the tape disengages from the tape head, capstan, and pinch roller, but the cassette remains in the cassette compartment with the cassette door completely closed. When the ignition switch is turned on again, playback will begin from the point where it was left off.

Radio Monitor (7279L/E models only)
Pushing the RADIO MONITOR/LOUDNESS switch ㉚, Radio Monitor is activated and R MONI indicator ㉙ will light, you can receive the last tuned station or operate seek tuning UP ⑬ and DOWN ⑫. Push this switch for 3 seconds or more to activate LOUDNESS function; LOUD indicator lights up. Low frequency sound will be boosted at low sound contents. Push the switch again for 3 seconds or more to release the function.

‹RADIO OPERATION›

MANUAL and AUTOMATIC SEEK TUNING (7279M/L models only)
The radio does not operate in the tape play mode. To listen to the radio, eject the cassette by pressing the EJECT switch ③. Pressing the EJECT switch ③ during tape play causes the tape in the loading slot to be ejected.

1. Turn on the power by turning the VOLume control/Power OFF switch ㉗ clockwise. Continue to rotate it until the desired volume level is reached.
2. Push Radio BAND select switch ⑮ for reception of MW/LW or FM (FM 1 or FM2). The radio BAND Indicator ④ will be on, and the ST [stereo] indicator ⑩ will also be on during FM stereo reception.
3. Adjust BASS ①, TREBle ②, BALance ㉗, and FADer ㉘ controls to their center positions.
4. To automatically tune, press the SEEK TUNE button ⑭ and then either UP or DN tuning button. The SEEK indicator ㉒ appears on the display and the frequency changes to indicate that the radio is in the auto SEEK tuning mode and ready to stop at every strong station. Repeat the procedure until your desired station is obtained. When the radio reaches the upper or lower end of the band, it automatically starts scanning in the opposite direction. To return to manual tuning, press the SEEK TUNE button again, the SEEK indicator disappears.
5. To manually tune, press the Tuning Switch (UP) ⑬ for higher frequency broadcasts, and press the Tuning Switch (DN) ⑫ for lower frequency broadcasts.

6. Adjust VOLume ㉗, BASS ①, TREBle ②, BALance ㉗, and FADer ㉘, to suit your listening preference.
7. To switch from FM to MW/LW or vice versa press the BAND select switch ⑮.

Memory Operation (7279M/L models only)

1. Select FM1, FM2, or MW/LW by pressing the BAND select switch ⑮.
2. Select a station manually or by SEEK tuning.
3. Press the MEMOry switch ㉓. The memory indicator ⑦ will light.
4. Press a Station Preset switch to preset the station in MEMORY.
5. Repeat steps 2, 3 and 4 to preset up to 6 stations per band (FM1, FM2 or MW/LW) total 24 stations. Press one of the unused Station Preset switches ⑯ each time.
6. Press the Radio Band select switch ⑮ to preset six stations on another band. Follow Steps 2, 3, 4, and 5. Remember, there are altogether four (FM1, FM2, and MW/LW) bands.
7. To tune in a frequency programmed into memory, press the desired station preset switch, 1 through 6. If the radio is set to MW/LW, you'll receive an MW/LW frequency. If in the FM mode, you'll receive an FM.
8. Adjust VOLume ㉗, BASS ①, TREBle ②, BALance ㉗, and FADer ㉘, to suit your listening preference.

MANUAL and AUTOMATIC SEEK TUNING (7279E model only)

The radio does not operate in the tape play mode. To listen to the radio, eject the cassette by pressing the EJECT switch ③.

1. Turn on the power by turning the VOLume control/Power OFF switch ㉗ clockwise. Continue to rotate it until the desired volume level is reached.
2. Push Radio BAND select switch ⑮ for reception of AM or FM (FM 1 or FM2). The radio band Indicator ④ will be on, and the ST [stereo] indicator ⑩ will also be on during FM stereo reception.
3. Adjust BASS ①, TREBle ②, BALance ㉗, and FADer ㉘ controls to their center positions.
4. To automatically tune, press the SEEK TUNE button ⑭ and then either UP or DN tuning button. The SEEK indicator ㉒ appears on the display and the frequency changes to indicate that the radio is in the auto SEEK tuning mode and ready to stop at every strong station. Press the tuning button until your desired station is obtained. When the radio reaches the upper of lower end of the band, it automatically starts scanning in the opposite direction. To return to manual tuning, press the SEEK TUNE button again, the SEEK indicator disappears.
5. To manually tune, press the Tuning Switch (UP)⑬ for higher frequency broadcasts, and press the Tuning Switch (DN)⑫ for lower frequency broadcasts.
6. Adjust VOLume㉗, BASS ①, TREBle ②, BALance㉗, and FADer ㉘, to suit your listening preference.
7. To switch from FM to AM or vice versa press the BAND select switch ⑮.

Memory Operation (7279E model only)

1. Select FM1, FM2, or AM by pressing the BAND select switch ⑮.
2. Select a station manually or by SEEK tuning.
3. Press the MEMOry switch ㉕. The memory indicator will light.
4. Press a Station Preset switch to preset the station in MEMORY.
5. Repeat steps 2, 3 and 4 to preset up to 6 stations per band (FM1, FM2 or AM) total 18 stations. Press one of the unused Station Preset switches ⑯ each time.
6. Press the Radio Band select switch ⑮ to preset six stations on another band. Follow Steps 2, 3, 4, and 5. Remember, there are altogether three (FM1, FM2, and AM) bands.
7. To tune in a frequency programmed into memory, press the desired station preset switch, 1 through 6. If the radio is set to AM, you'll receive an AM frequency. If in the FM mode, you'll receive an FM.
8. Adjust VOLume㉗, BASS ①, TREBle ②, BALance㉗, and FADer ㉘, to suit your listening preference.

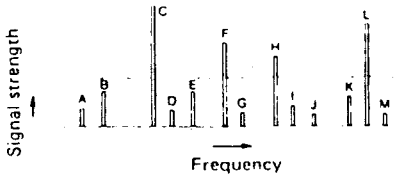
FM STEREO/MONAURAL Selection (MONO Switch)

During stereo reception, should the signal level become weak (the "ST" indicator ⑩ in the display blinks), select monaural reception by pressing the MONO switch ㉓ to decrease noise level.

NOTE: Monaural mode has been set initially. Push the MONO switch ㉓ when a stereo broadcast is being received.

Local/Distance Switch Operation

You may select local or distance mode during SEEK tuning. When it is in the local mode (Distance (DX) indicator ㉑ is off), it allows you to tune in strong signal stations only (stations C, F, H and L as shown below). When it is in the distance mode (Distance (DX) indicator is on), weak and strong signal stations (stations from A through M) will be tuned in.
Once a station is tuned in by SEEK in local mode, the mode will automatically switch to distance mode for optimum reception.



NOTE: DX (Local/Distance) Switch ㉖ functions only in SEEK tuning.

Traffic Information Receiving (7279M model only)

This model is equipped with traffic information receiving apparatus to be used in West Germany where the traffic information is broadcast in FM. The following is how to use this unit to receive traffic information broadcasting.

1. Select FM position.
2. Depress the SDK switch and tune to a station. If the station is a traffic information station, the SK indicator will glow and show the reception of a broadcast from a traffic information station.
   NOTE: SK Indicator
   When SK signal is received irrespective of the SDK position, the SK indicator will illuminate.
3. In the SDK mode, stations other than traffic information stations are muted and cut out. Therefore, it is easy to select a traffic information station.
4. As the signal of the tuned traffic information station becomes weak, the SK indicator will extinguish, then after the lapse of 30 seconds, a rhythmical alarm will sound to urge retuning to another stronger station. If the reception of further traffic information is required, tune in the desired traffic information station. When received, the alarm will stop and the SK indicator illuminates. Since the alarm will continue if no signals from any other traffic stations can be received, release SDK switch for the reception of normal broadcasting.
5. When the unit is playing a cassette tape with the SDK switch pushed in and tuned to a traffic information station, the tape play is interrupted and changed to FM radio if the pre-tuned station begins a traffic information message. When the message is over, the unit reverts to tape play automatically.
6. Even if the VOLUME control is set to the minimum position, the volume of the traffic information will be automatically adjusted to proper level. After the message, the sound volume returns to the previously adjusted level.
7. If traffic information reception is no longer necessary, release SDK switch for normal radio reception.

Disassembly Instructions

1. Removal of Nosepiece

(1) After removal of bracket handle, top cover and bottom cover, remove two control knobs (Volume, Balance) and two slide knobs as shown in Figure 1.

(2) Remove two screws marked "○" and two hooks (A) as shown in Figures 1 and 2.

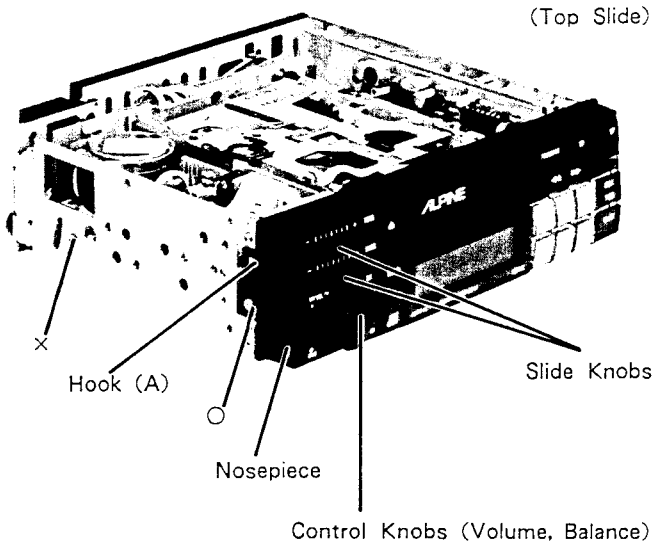


Figure 1

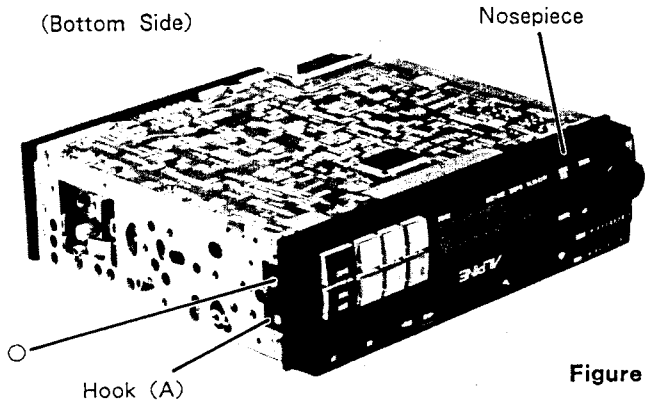


Figure 2

2. Removal of Cassette Deck

(1) After removal of nosepiece, remove four screws marked "×" as shown in Figures 1 and 3.

(2) Disconnect one connector from the cassette deck.

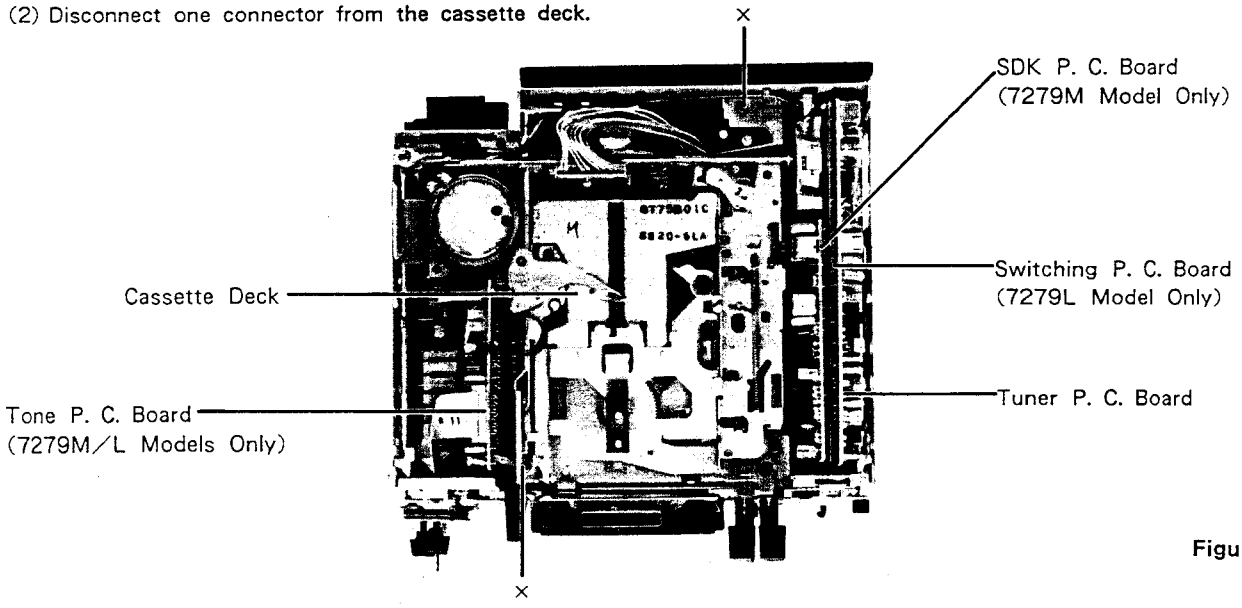


Figure 3

3. Removal of Front P. C. Board

(1) After removal of cassette deck, remove two screws marked "◇" as shown in Figure 4.

(2) Remove the solder (c) as shown in Figure 6.

(3) Disconnect one wire from the Front P. C. Board.

Note :Do not cut parallel wires from the Main P. C. Board by removing the solder (c).

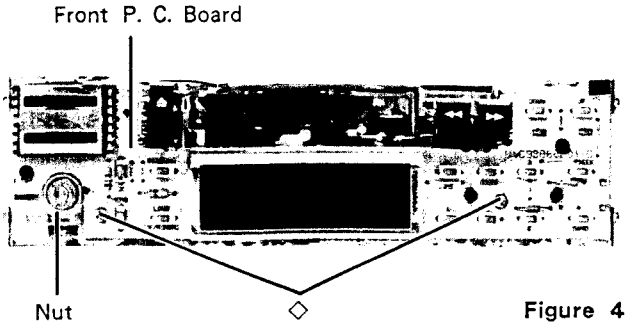


Figure 4

4. Removal of Tuner P. C. Board

(1) Remove the solder (b) as shown in Figure 6.

5. Removal of Tone P. C. Board (7279M/L Models Only)

(1) After removal of cassette deck, remove the solder (d) as shown in Figure 6.

(2) Disconnect two connectors from the Tone P. C. Board.

6. Removal of SDK P. C. Board (7279M Model Only)

(1) Remove the solder (e) and (f) as shown in Figure 6.

7. Removal of Swithching P. C. Board (7279L Model Only)

(1) Remove the solder (f) as shown in Figure 6.

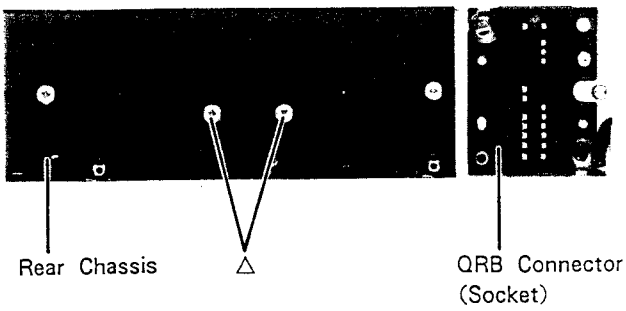


Figure 5

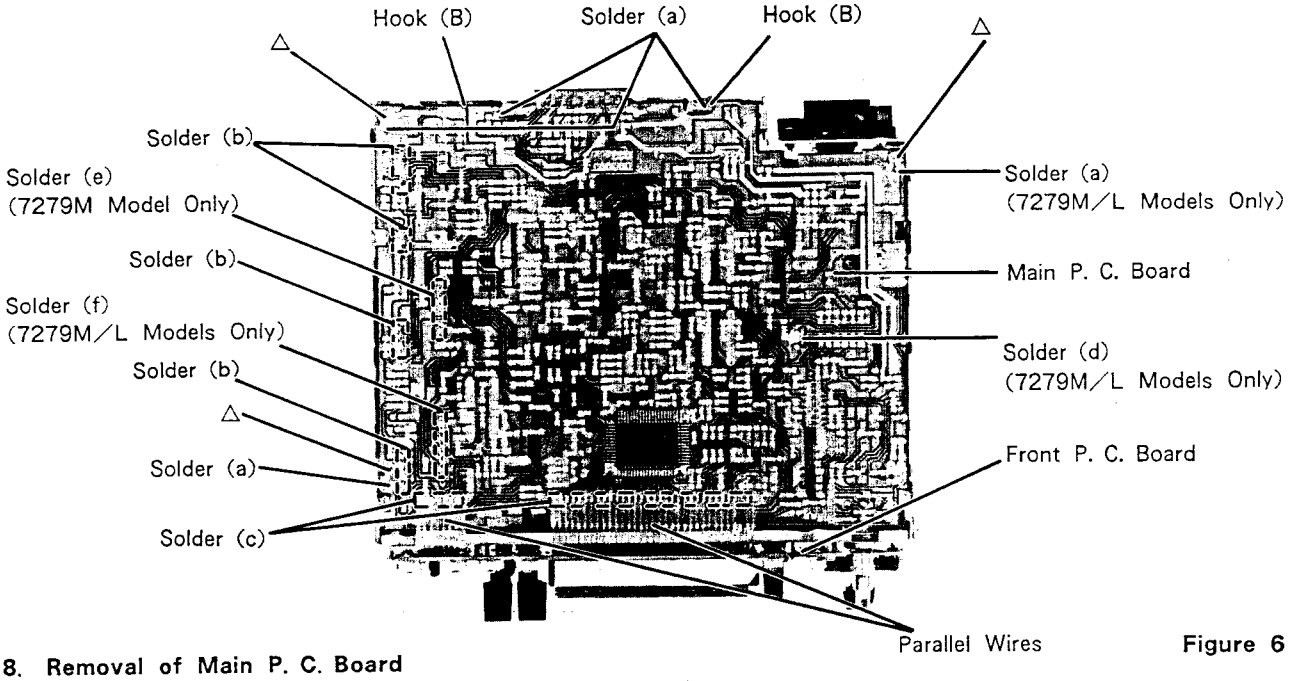


Figure 6

8. Removal of Main P. C. Board

(1)-1 After removals of Front P. C. Board and Tuner P. C. Board, remove the solder (a) as shown in Figure 6. (7279E Model Only)

(1)-2 After removals of Front P. C. Board, Tuner P. C. Board, Tone P. C. Board SDK P. C. Board, remove the soder (a) as shown in Figure 6. (7279M Model Only)

(1)-3 After removals of Front P. C. Board, Tuner P. C. Board, Tone P. C. Board and Switching P. C. Board, remove the solder (a) as shown in Figure 6. (7279L Model Only)

(2) Remove a nut and two hooks (B) as shown in Figure 4 and 6.

(3) Remove five screws marked "△" as shown in Figure 5 and 6.

(4) Disconnect all wires from the Main P. C. Board.

Adjustment Procedures

1. AM SECTION

(1) Dummy Antenna Circuit

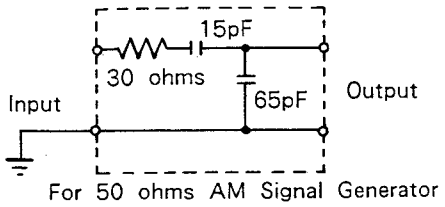


Figure 7

(2) Connections

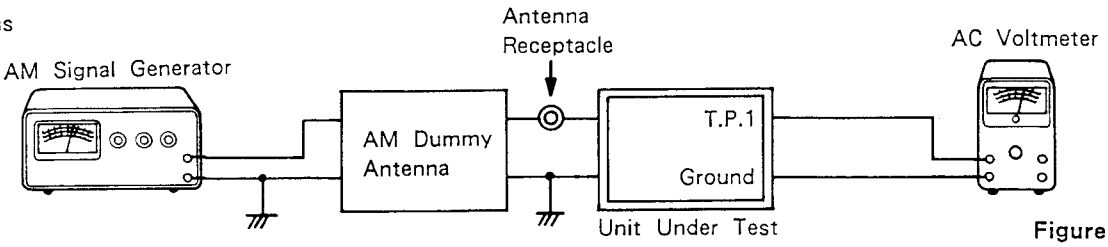


Figure 8

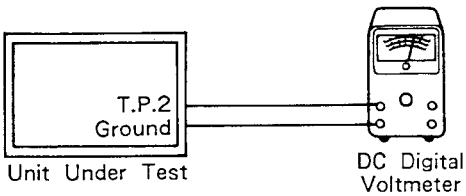


Figure 9

(3) Location of Adjustment Parts
See Adjustment Locations.

(4) Control Settings

Power Switch ..... ON
FM/AM Switch ..... AM
Others ..... OFF

Balance Control ..... Mechanical Center
Treble/Bass Control ..... Mechanical Center
Fader Control ..... Front Position

(5) Adjustment Procedures (7279E Model Only)

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	Band Covering	Figure 9	–	1,620kHz	VC3 for 7.5±0.1V Output.
2	Band Covering	Figure 9	–	530kHz	T3 for 1.3±0.05V Output.
3	Band Covering	Figure 9	–	–	Repeat Steps 1 and 2.
4	IF Adjustment	Figure 8	1,400kHz, 20dB μ	1,400kHz	T4, 5 for Maximum Output.
5	Tracking	Figure 8	1,400kHz, 20dB μ	1,400kHz	VC1, 2 for Maximum Output.
6	Tracking	Figure 8	610kHz, 20dB μ	610kHz	T6, 7 for Maximum Output.
7	Tracking	Figure 8	–	–	Repeat Steps 5 and 6.

(5) Adjustment Procedures (7279M/L Models Only)

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	Band Covering	Figure 9	–	153kHz	L8 for 2.3±0.2V Output.
2	IF Adjustment	Figure 8	999kHz, 20dB	999kHz	T3 for Maximum Output.
3	Tracking	Figure 8	999kHz, 20dB	999kHz	T1, 2 for Maximum Output.

2. SDK Section (7279M Model Only)

(1) Dummy Antenna

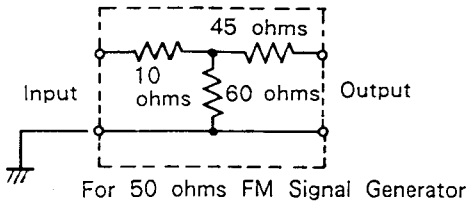


Figure 10

(2) Connections

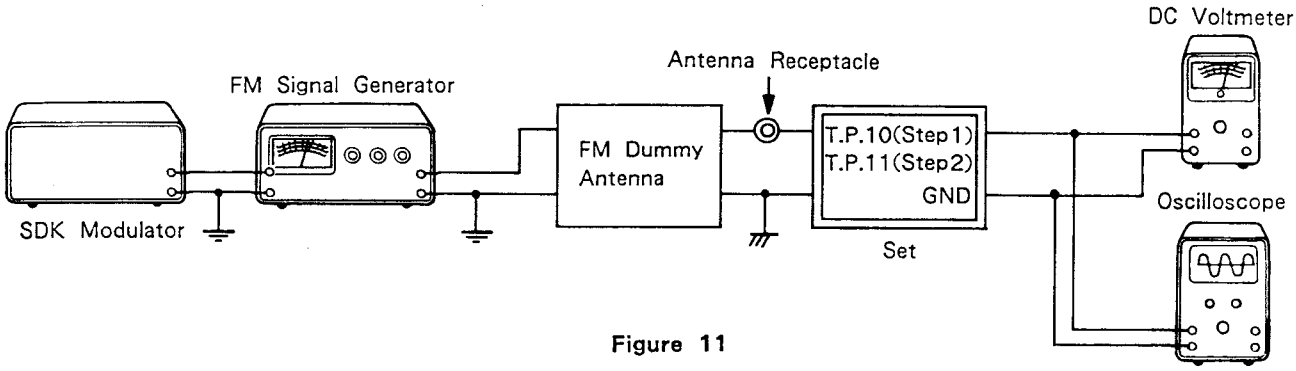


Figure 11

(3) Control Settings

Power Switch ····· ON
Band Select Switch ····· SDK
Balance Control ····· Mechanical Center
Treble/Bass Controls ····· Mechanical Center
Fader Control ····· Front Position
Others ····· OFF

(4) Adjustment Procedures

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	SK Adjustment	Figure 11	98.1MHz, 20dB μ (SK, BK : ON DK : OFF)	98.1MHz	L601 for Maximum Output of T.P.10.
2	DK Adjustment	Figure 11	98.1MHz, 66dB μ (SK, BK, DK : ON)	98.1MHz	VR601 for Maximum Output of T.P.11.

3. FM SECTION

(1) Dummy Antenna Circuit

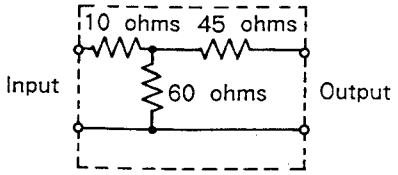


Figure 12

(2) Connections

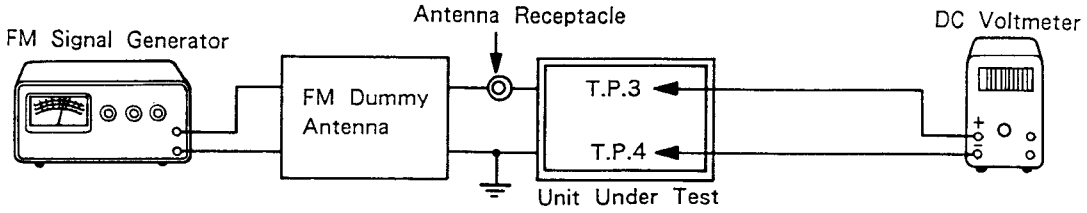


Figure 13

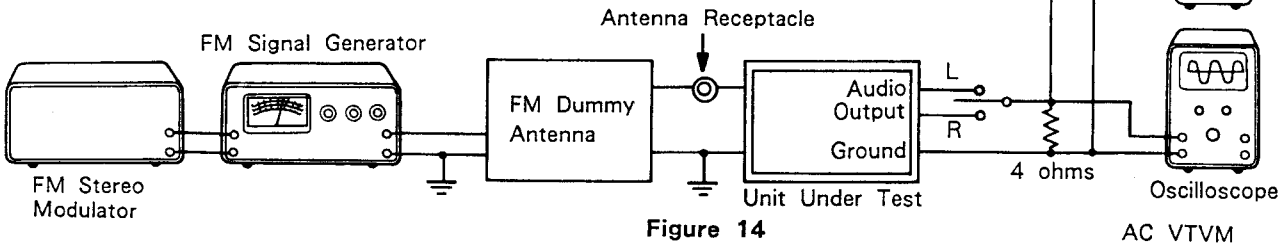


Figure 14

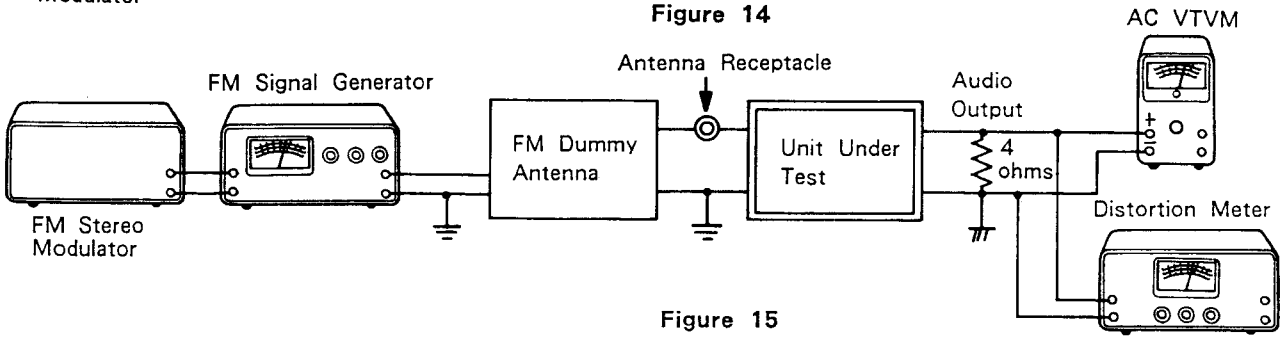


Figure 15

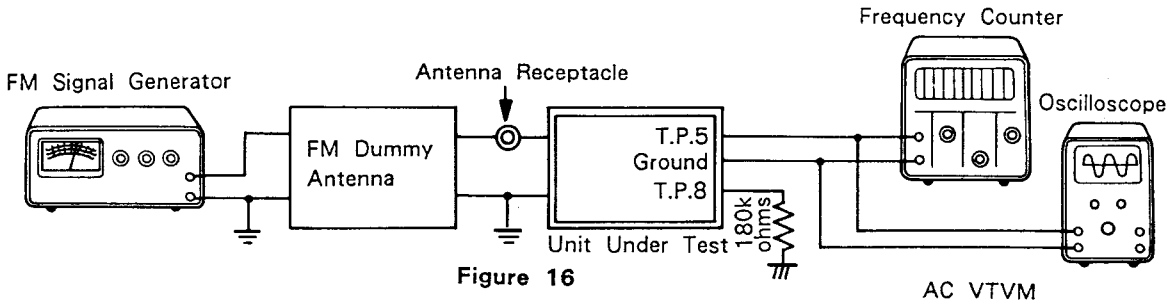


Figure 16

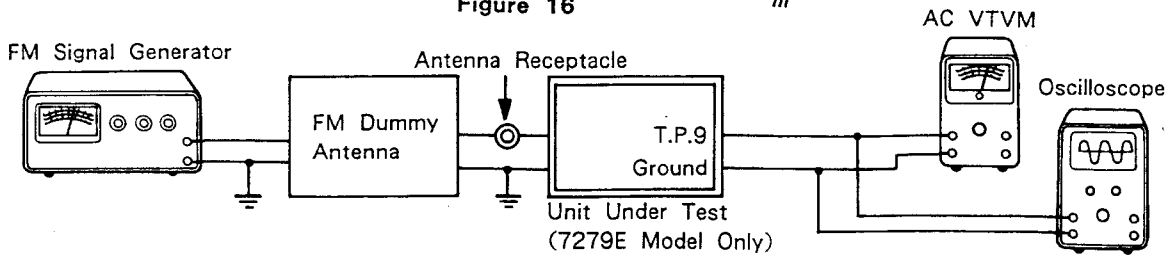


Figure 17

(3) Location of Adjustment Parts
See Adjustment Locations.

(4) Control Settings

Power Switch ..... ON
FM/AM Switch ..... FM
Others ..... OFF
Balance Control ..... Mechanical Center
Treble/Bass Control ..... Mechanical Center
Fader Control ..... Front Position

(5) Adjustment Procedures

Step	Description	Connection	Signal Generator	Dial Control	Adjustment
1	IF Adjustment	Figure 13	98.1MHz, 66dB μ (Mono Signal, No Modulation)	98.1MHz	Confirm to receiving signal. T2 (7279E), T4 (7279M/L) for 0V±0.03V between T.P.3 and 4.
2	VCO Adjustment	Figure 16	98.1MHz, 66dB μ (Mono Signal, No Modulation)	98.1MHz	VR3 for 19±0.2kHz curve at T.P.5.
3	Separation Adjustment	Figure 14	98.1MHz, 66dB μ, 1,000Hz R (L) Signal, Modulation	98.1MHz	VR4 (7279E), VR5 (7279M/L) for minimum at L (R) channel output.
4	FM Stereo Blend Adjustment	Figure 15	98.1MHz, 66dB μ L Signal	98.1MHz	VR201-1, 2 (7279E) VR302-1, 2 (7279M/L) (VOLUME) for 2V at Lch. output.
			98.1MHz, 46dB μ L Signal	98.1MHz	VR1 (7279E), VR4 (7279M/L) for 8±2dB Separation.
5	Seek Stop Adjustment	Figure 17	98.1MHz, 20dB μ Mono Signal, No Modulation	98.1MHz	Adjust VR2 for the waveform changing from Low to High.
6	Noise Level Adjustment	Figure 14	98.1MHz, 66dB μ (Mod. 400Hz, Dev. 22.5kHz)	98.1MHz	VR302-1, 2 (VOLUME) for 2V at Lch output.
			98.1MHz, −10dB μ (Mod. 400Hz Dev. 22.5kHz)	98.1MHz	VR1 for −25 to −35dB at Lch output.

※Step 6 ····· 7279M/L Model Only.

4. TAPE SECTION

(1) Connection

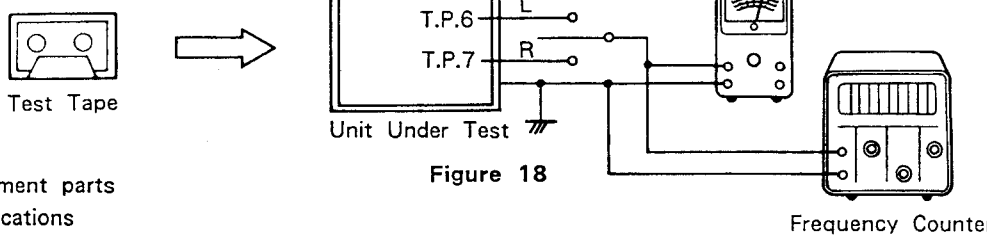


Figure 18

(2) Location of Adjustment parts
See Adjustment Locations

(3) Control Settings

Power Switch ..... ON
Fader Control ..... Front Position
Balance Control ..... Mechanical Center
Treble/Bass Control ..... Mechanical Center
Others ..... OFF

(4) Adjustment Procedures

Step	Description	Test Tape	Connection	Test Point	Adjustment Point	Adjustment
1	Head Azimuth Adjustment	MTT-114NB (14kHz)	Figure 18	T.P.6, T.P.7	Head Azimuth Adjustment Screw (Figure 19)	Adjust for maximum and same level output at normal and reverse positions.
2	Tape Speed Adjustment	MTT-111 (3kHz)	Figure 18	T.P.6 or T.P.7	Tape Speed Adjustment Volume (Figure 20)	3,030−3,080Hz

Adjustment Locations

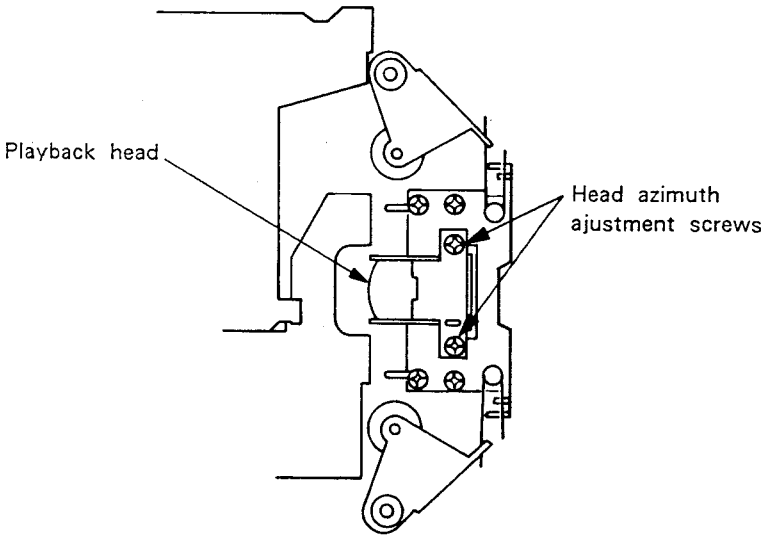


Figure 19

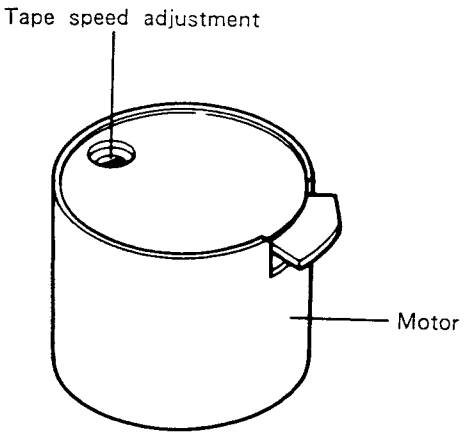
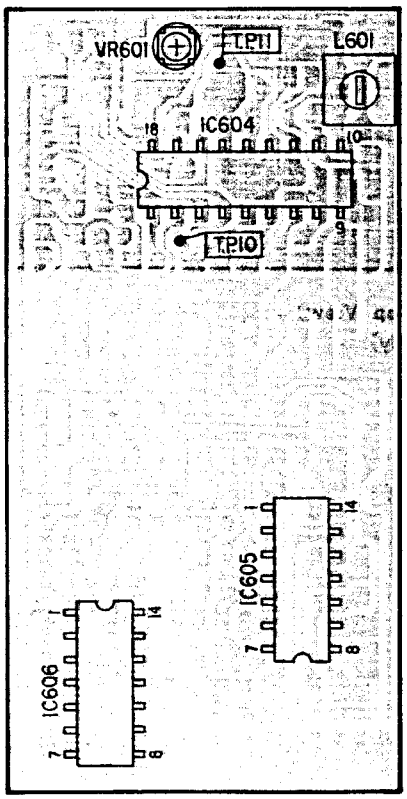
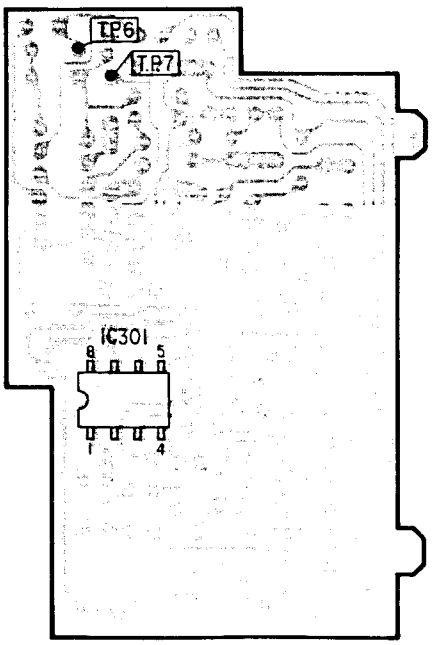


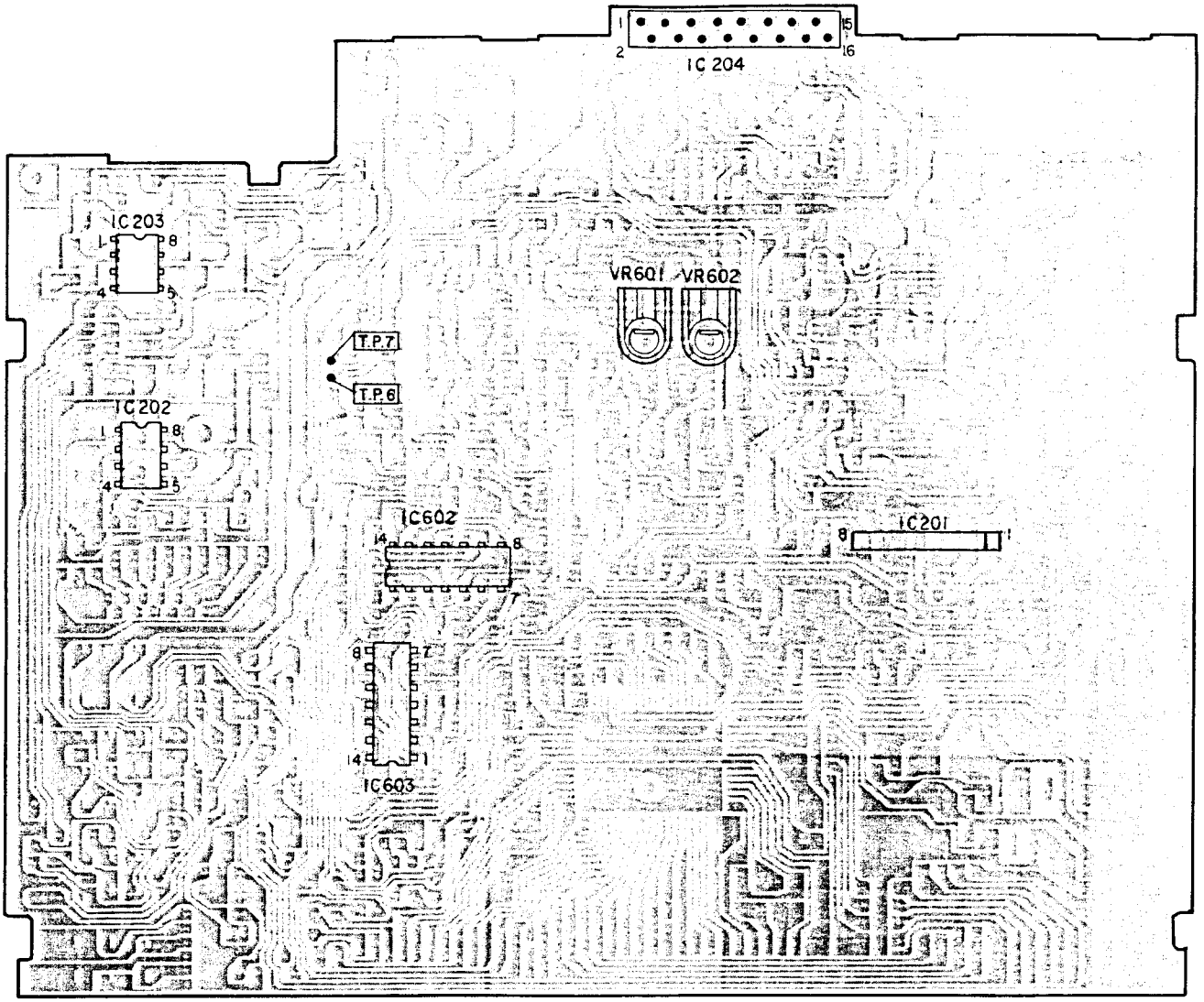
Figure 20



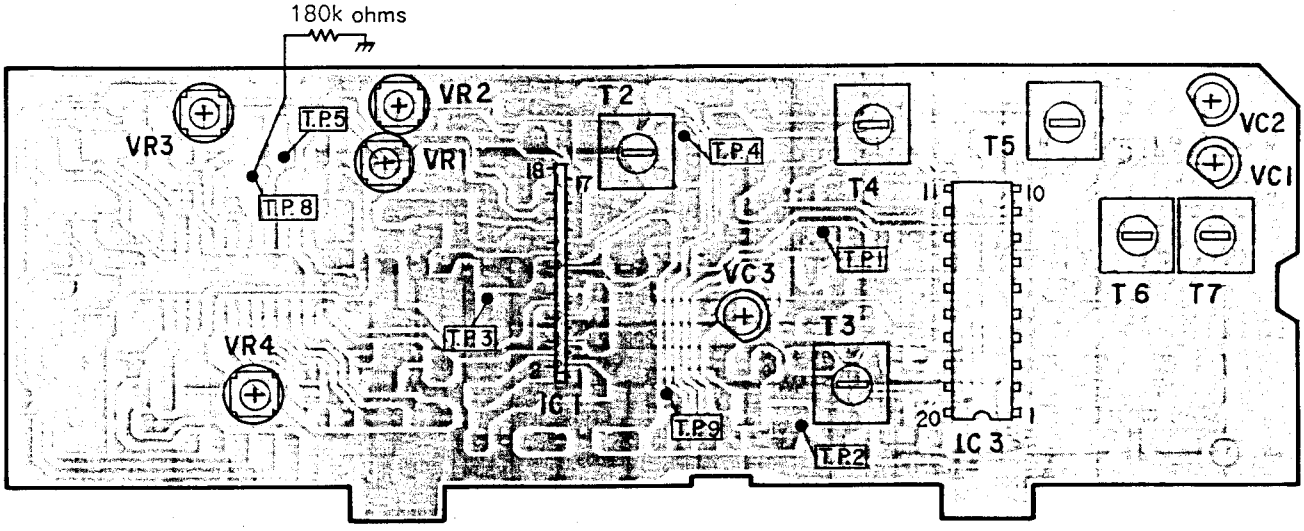
SDK P. C. Board (Top View)
(7279M Model Only)



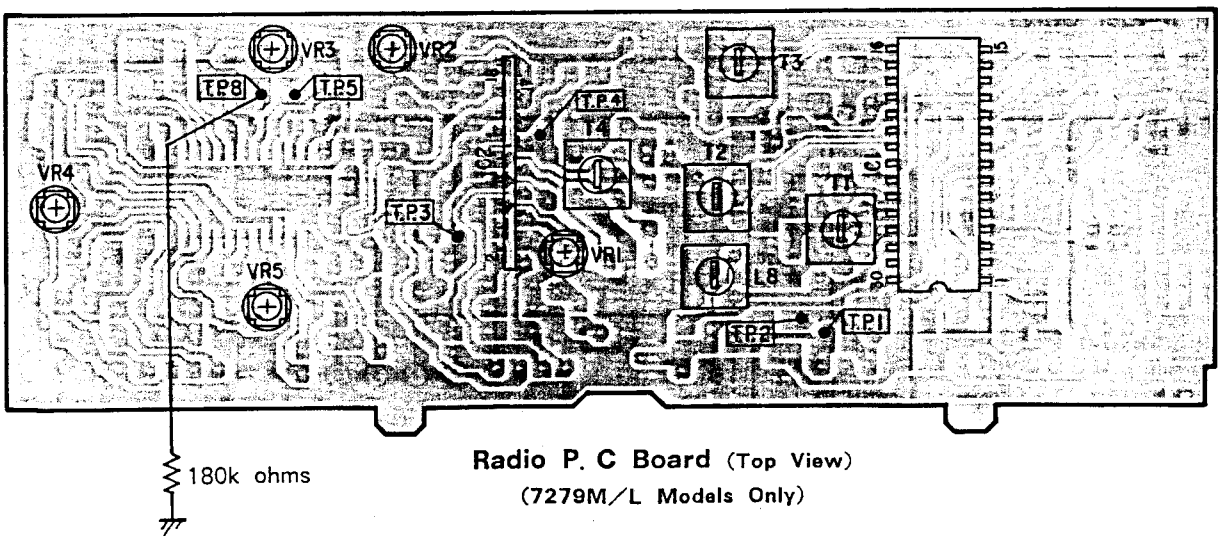
Tone P. C. Board (Top View)
(7279M/L Models Only)



Main P. C. Board (Top View)
(7279E Model Only)



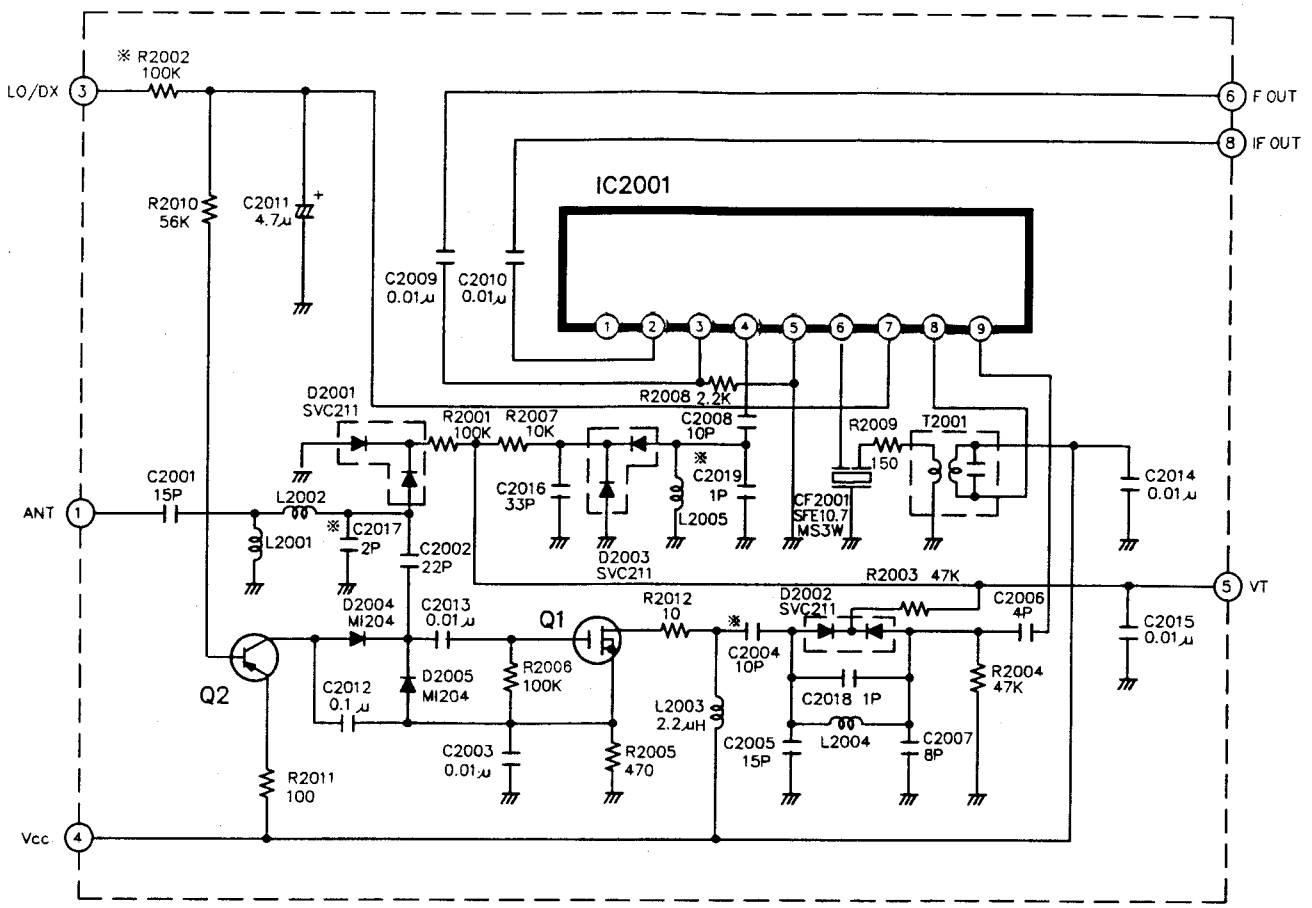
Tuner P. C. Board (Top View)
(7279E Model Only)



Radio P. C Board (Top View)
(7279M/L Models Only)

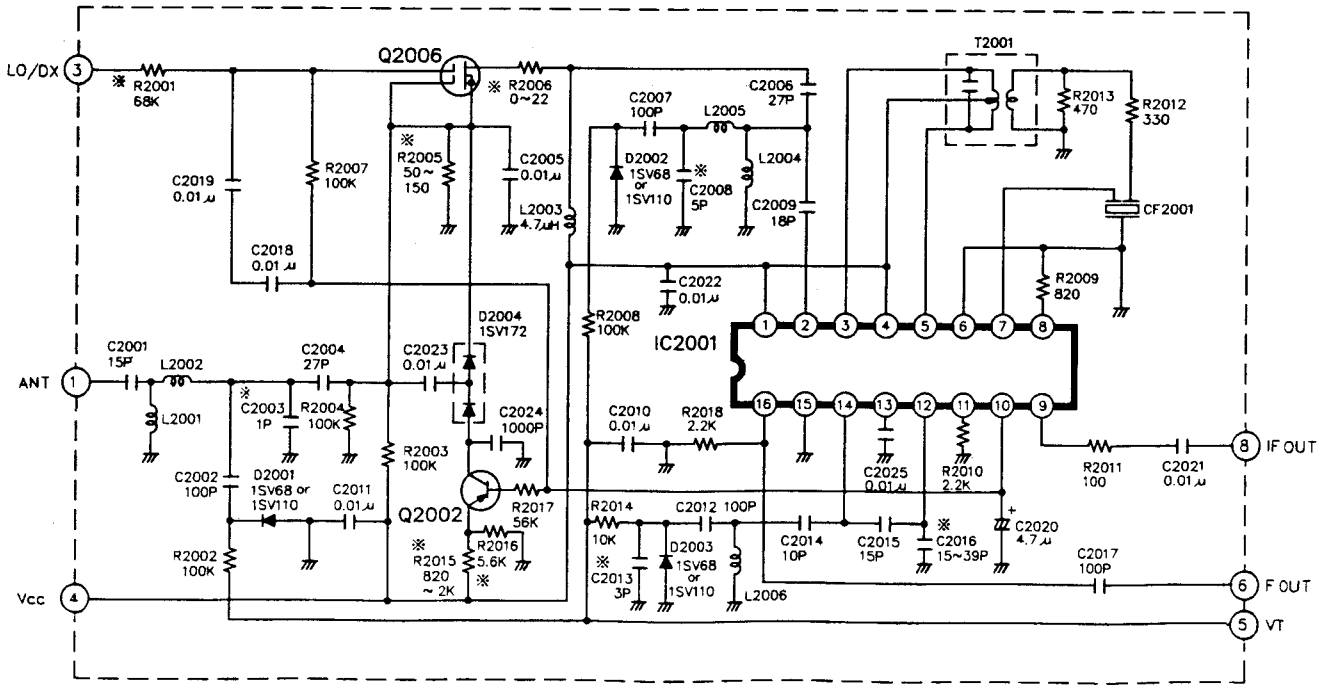
FM Tuner Schematic Diagram

(7279M/L Models Only)



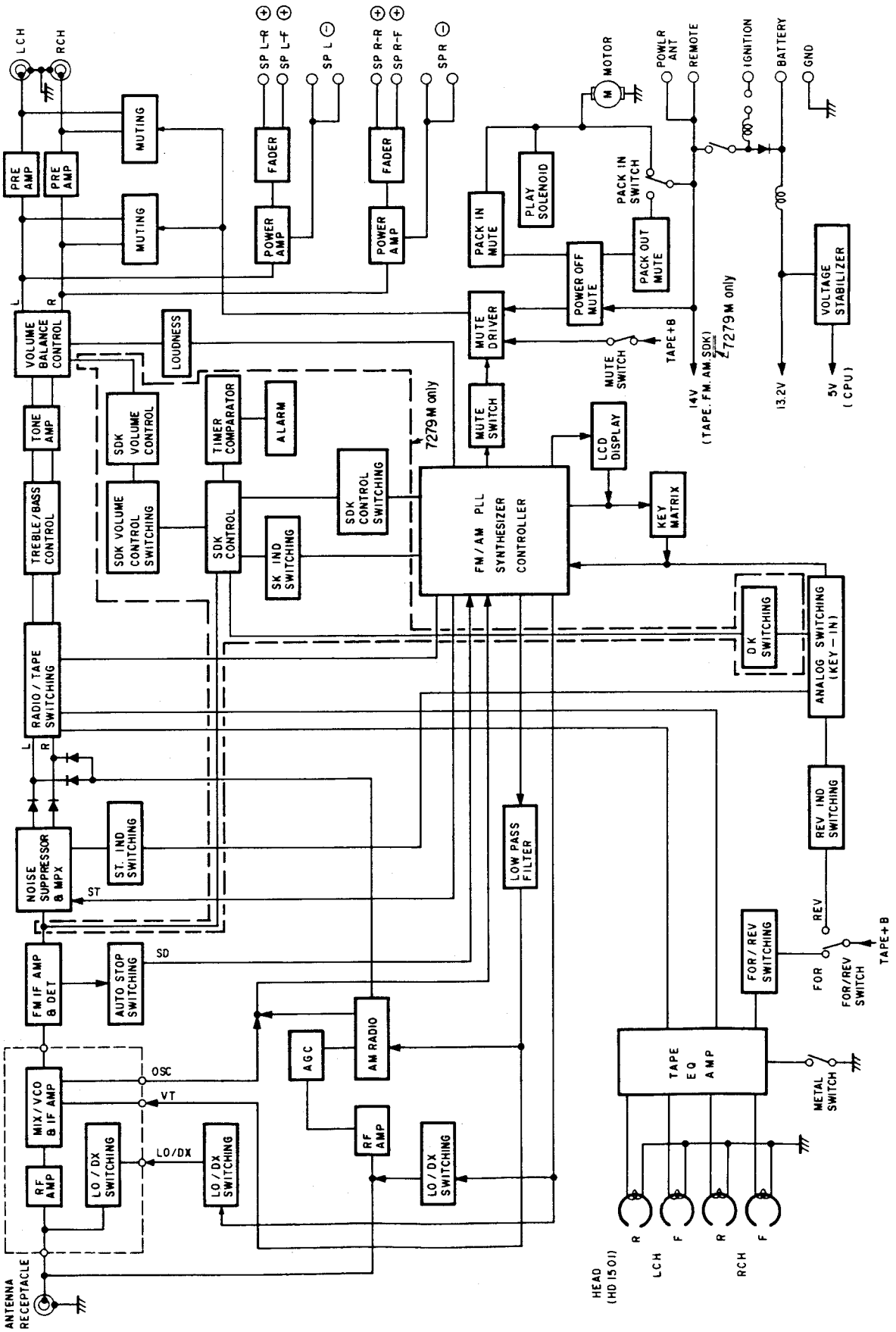
NOTE : PARTS MARKED * ARE FOR ADJUSTMENT.

(7279E Model Only)

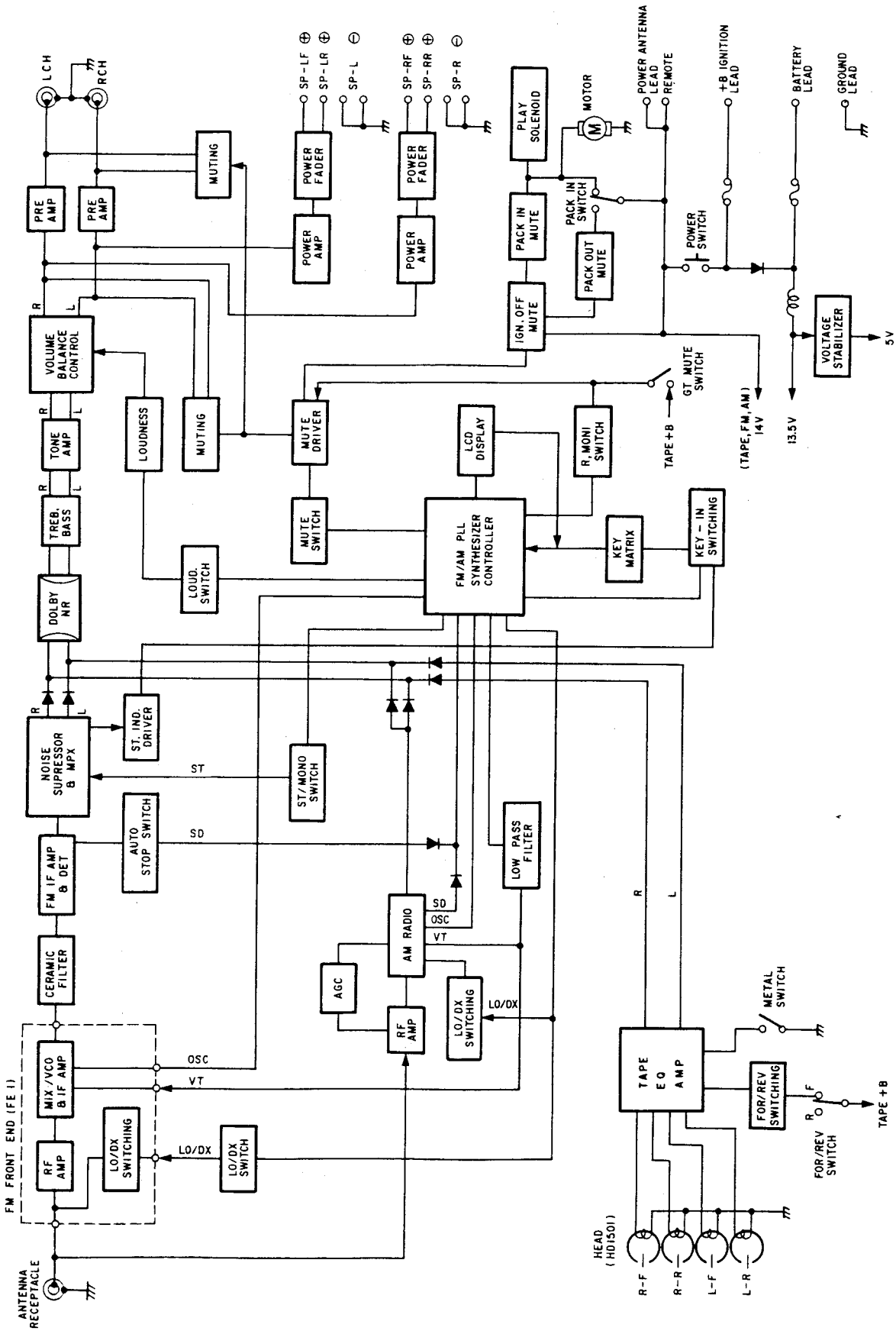


NOTE: PARTS MARKED * ARE FOR ADJUSTMENT.

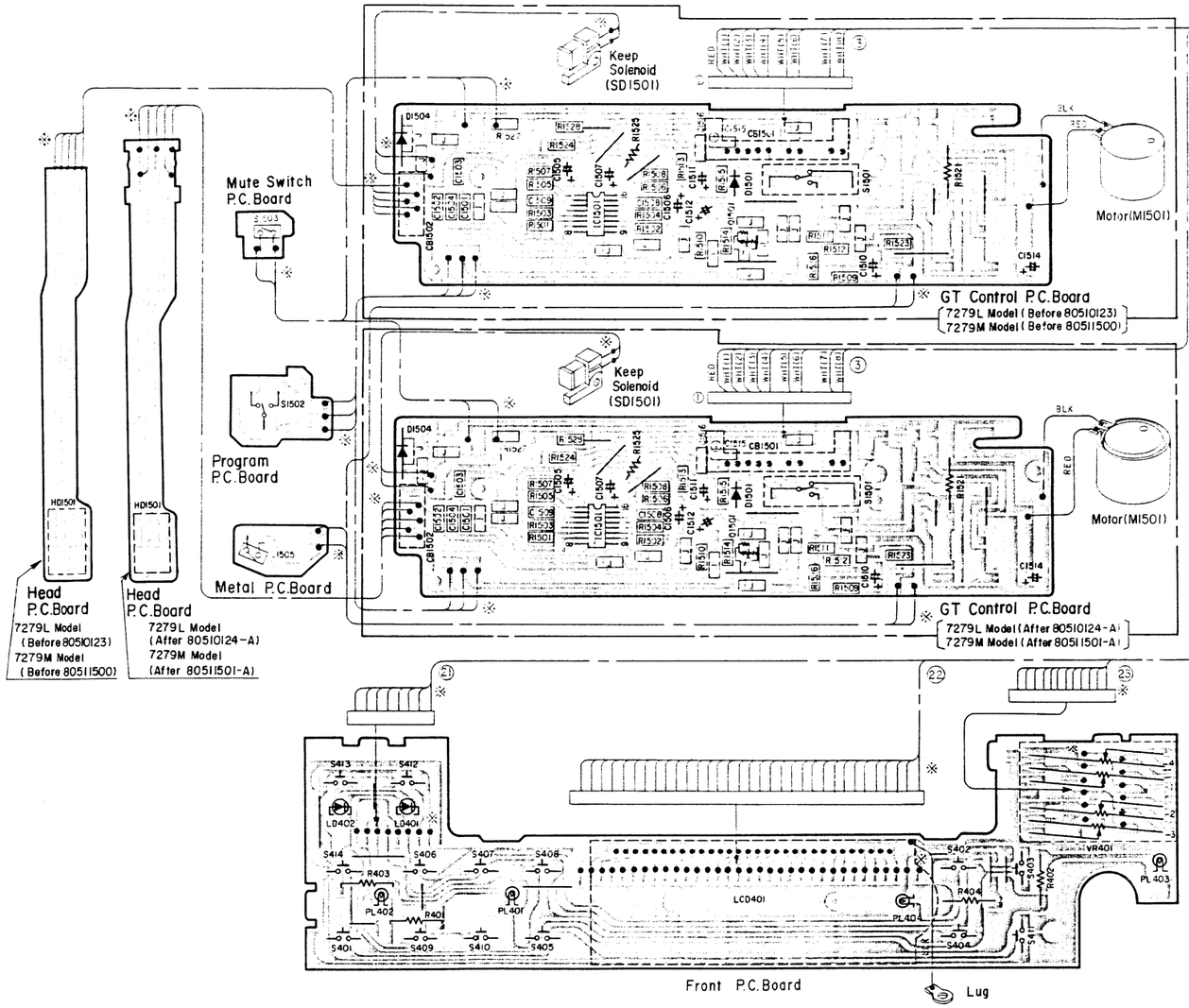
Block Diagram (7279M/L Models Only)



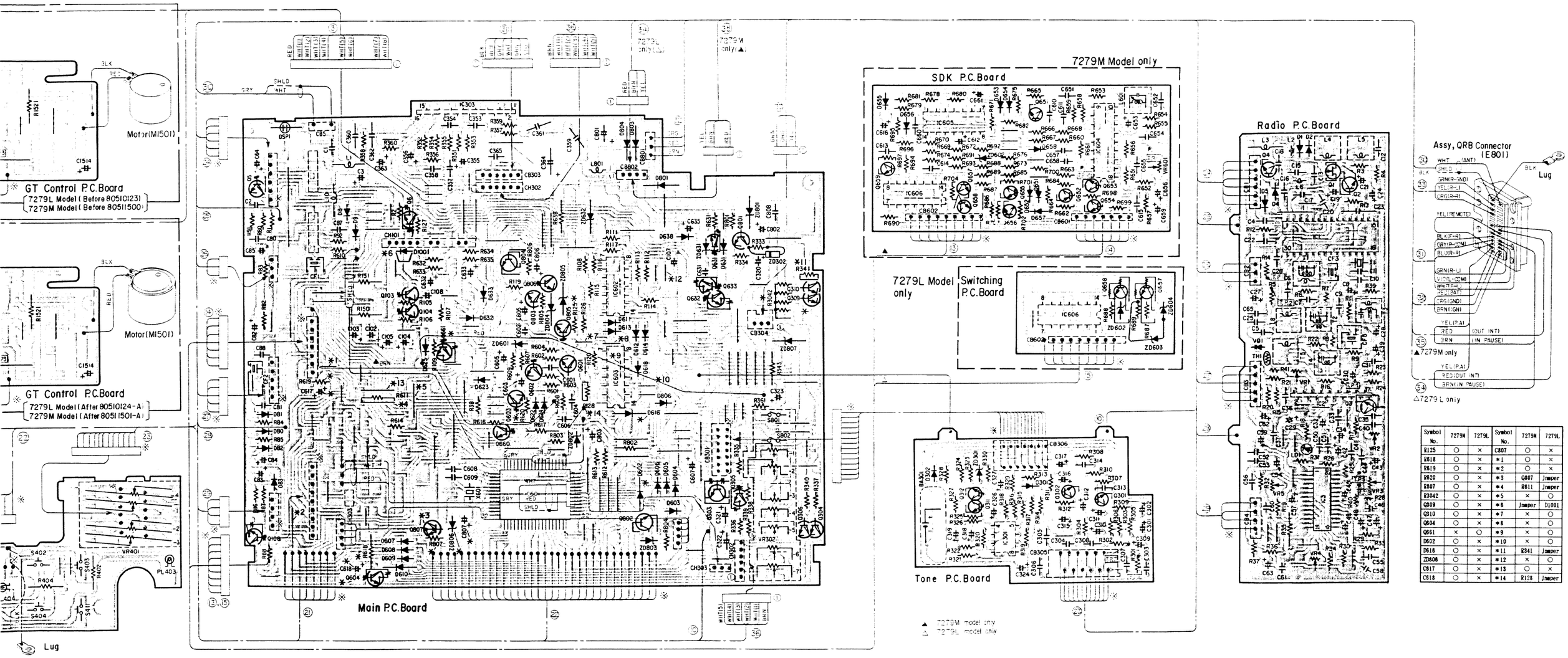
Block Diagram (7279E Model Only)



Parts Layout on P.C. Boards and Wiring Diagram (1/2) ●7279M/L Models Only



1/2) ●7279M/L Models Only

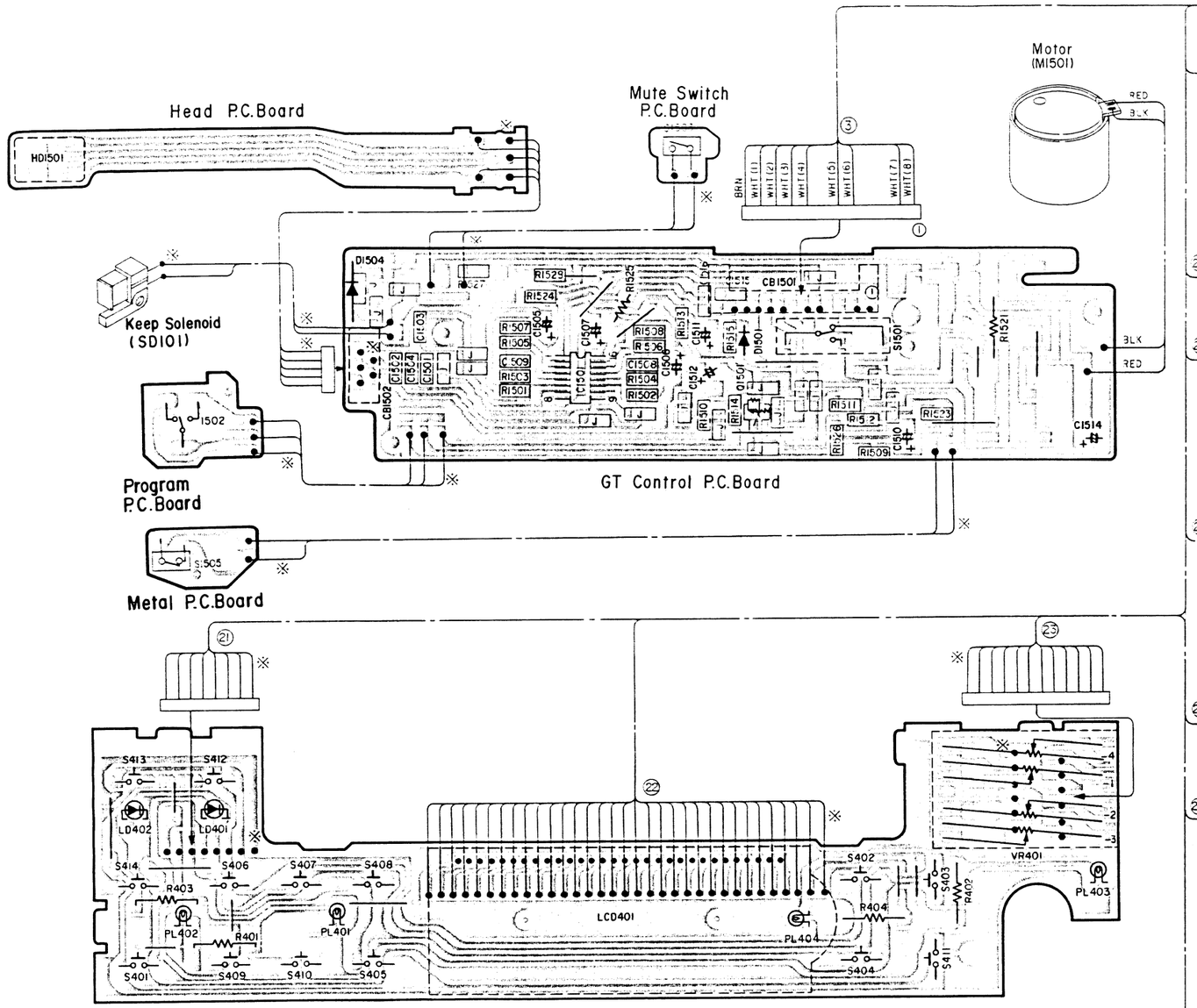


Symbol No.	7279M	7279L	Symbol No.	7279M	7279L
R125	○	×	C807	○	×
R818	○	×	＊1	○	×
R819	○	×	＊2	○	×
R820	○	×	＊3	Q807	Jmper
R807	○	×	＊4	R811	Jmper
R3042	○	×	＊5	×	○
Q809	○	×	＊6	Jmper	D1001
Q810	○	×	＊7	×	○
Q804	○	×	＊8	×	○
Q861	×	○	＊9	×	○
D602	○	×	＊10	×	○
D616	○	×	＊11	R341	Jmper
ZD808	○	×	＊12	×	○
C617	○	×	＊13	○	×
C618	○	×	＊14	R128	Jmper

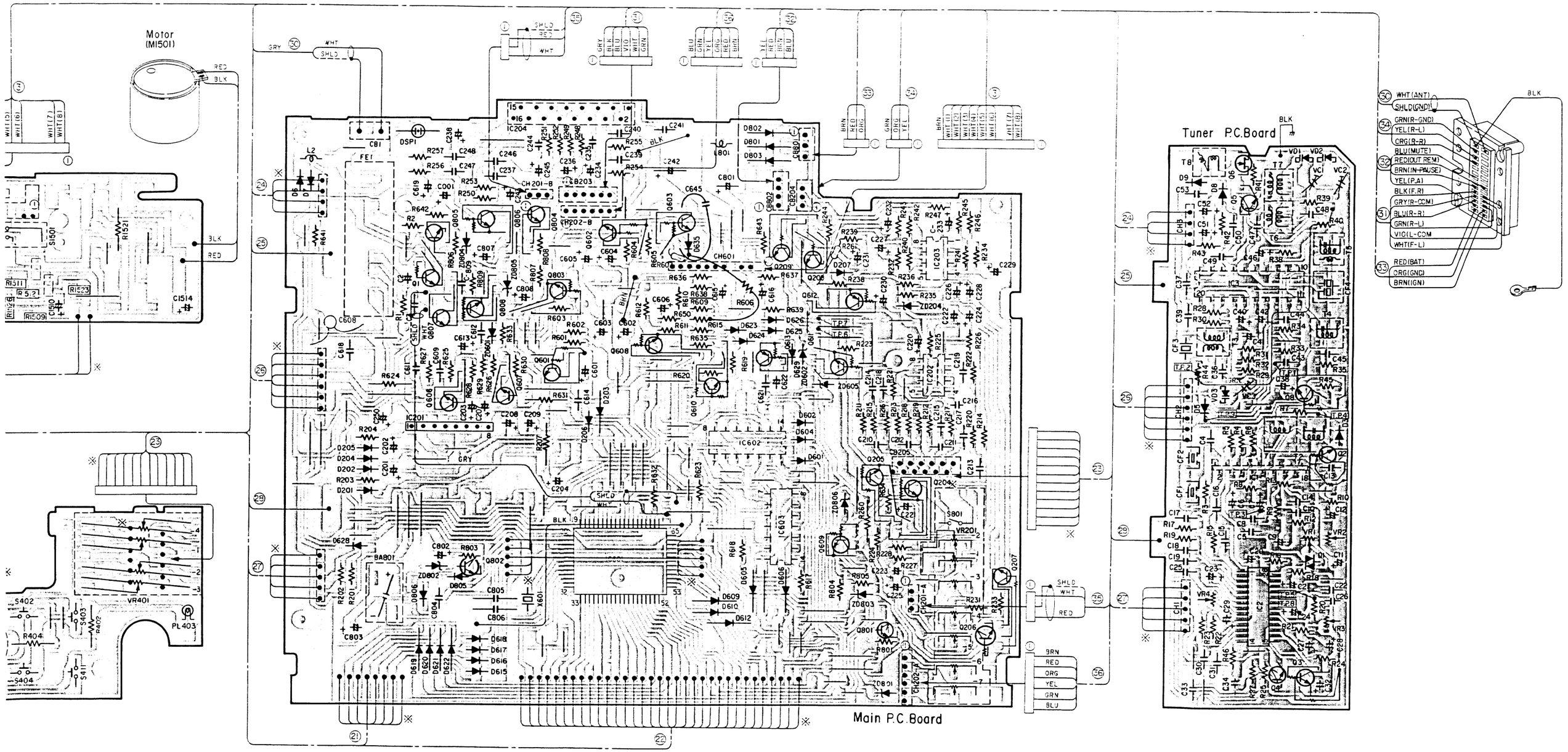
BLU	Blue
GRN	Green
BLK	Black
GRY	Gray
WHT	White
RED	Red
BRN	Brown
ORG	Orange
YEL	Yellow
PNK	Pink
VIO	Violet
GRN／WHT	Green／White
GRY／WHT	Gray／White
GRY／YEL	Gray／Yellow
GRN／YEL	Green／Yellow
SHLD	Shield

7279M/L/E 7279M/L/E

Parts Layout on P.C. Boards and Wiring Diagram (2/2) ● 7279E Model Only

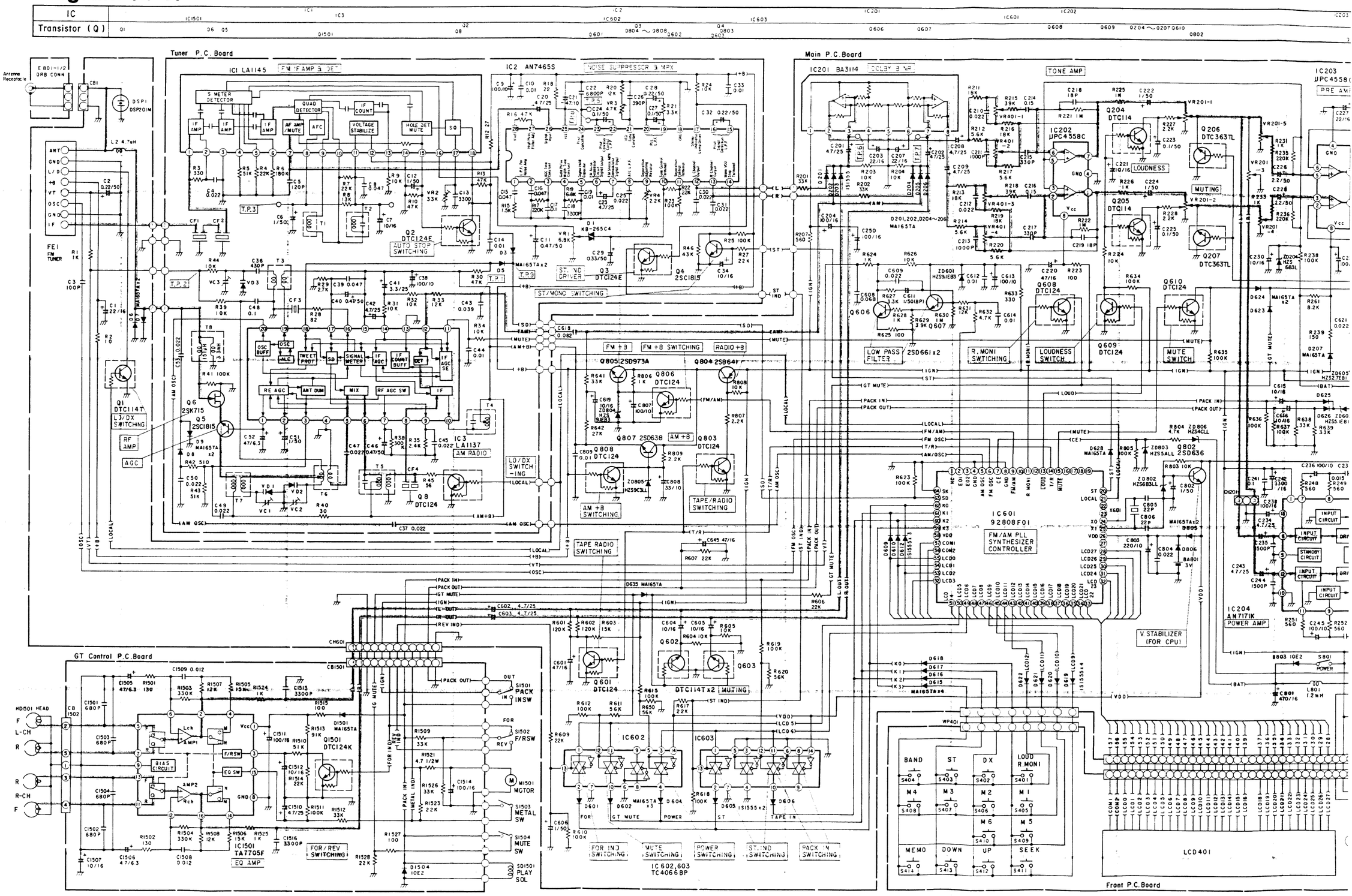


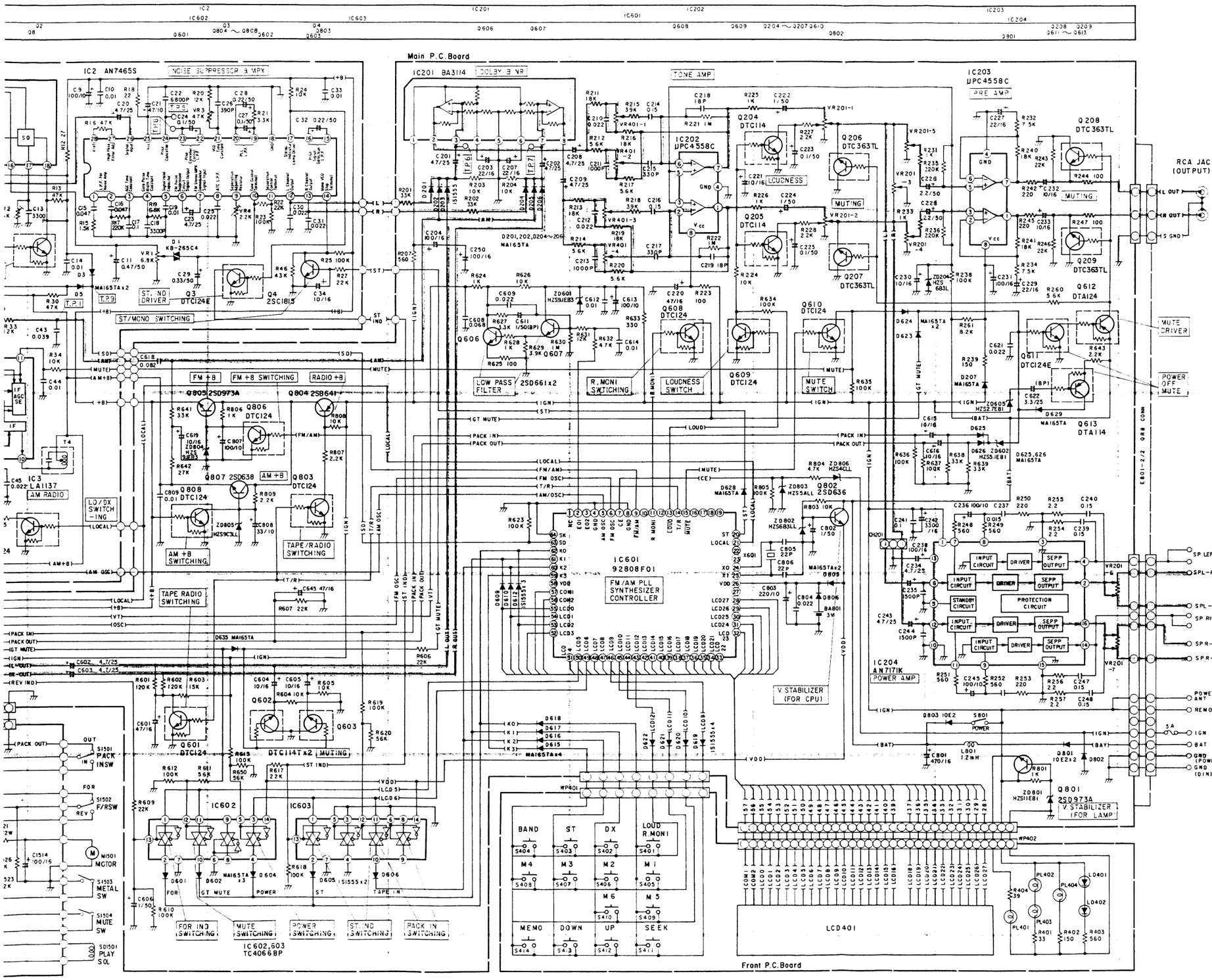
m (2/2) ●7279E Model Only



BLU ..... Blue
GRN ..... Green
BLK ..... Black
GRY ..... Gray
WHT ..... White
RED ..... Red
BRN ..... Brown
ORG ..... Orange
YEL ..... Yellow
PNK ..... Pink
VIO ..... Violet
GRN/WHT ..... Green/White
GRY/WHT ..... Gray/White
GRY/YEL ..... Gray/Yellow
GRN/YEL ..... Green/Yellow
SHLD ..... Shield

Schematic Diagram (1/3)


IC
Transistor (Q)
Tuner P.C.Board
Main P.C.Board
GT Control P.C.Board
Front P.C.Board
IC1 LA1145 FM IF AMP & DET
IC2 AN7465S NOISE SUPPRESSOR & MPX
IC201 BA3114 DOLBY B NR
IC202 UPC4558C
IC203 UPC4558C
IC204 AN7171K POWER AMP
IC601 92808F01 FM/AM PLL SYNTHESIZER CONTROLLER
IC602 TC4066BP
IC603 TC4066BP
IC1501 TA7705F EQ AMP
IC3 LA1137 AM RADIO
TONE AMP
PRE AMP
LOUDNESS
MUTING
V.STABILIZER (FOR CPU)
AUTO STOP SWITCHING
ST/MONO SWITCHING
ST. IND DRIVER
FM +B
FM +B SWITCHING
RADIO +B
AM +B SWITCHING
TAPE/RADIO SWITCHING
TAPE RADIO SWITCHING
LO/DX SWITCHING
RF AMP
AGC
L3/DX SWITCHING
LOW PASS FILTER
R. MONI SWITCHING
LOUDNESS SWITCH
MUTE SWITCH
FOR/REV SWITCHING
FOR IND SWITCHING
MUTE SWITCHING
POWER SWITCHING
ST. IND SWITCHING
PACK IN SWITCHING
BAND
ST
DX
LOUD
R.MONI
M4
M3
M2
M1
M6
M5
MEMO
DOWN
UP
SEEK
LCD401
Antenna Receptacle
FM TUNER
S METER DETECTOR
QUAD DETECTOR
IF COUNT
VOLTAGE STABILIZE
HOLD DET MUTE
AF AMP /MUTE
AFC
IF AMP
OSC BUFF
ALC
TWEET PROT
SD
SIGNAL METER
IF AGC
IF COUNT BUFF
DET
IF AGC SE
RF AGC
ANT DUM
MIX
RF AGC SW
IF
Q1 DTC114T
Q2 DTC124E
Q3 DTC124E
Q4 2SC1815
Q5 2SC1815
Q6 2SK715
Q7 DTC124
Q8 DTC124
Q601 DTC124
Q602 DTC124
Q603 DTC114T x2
Q604 DTC124
Q605 DTC124
Q606 DTC124
Q607 DTC124
Q608 DTC124
Q609 DTC124
Q610 DTC124
Q801 2SD973A
Q802 2SD636
Q803 DTC124
Q804 2SB641F
Q805 2SD973A
Q806 DTC124
Q807 2SD638
Q808 DTC124
Q1501 DTC124K
Q205 DTC114
Q204 DTC114
Q206 DTC363TL
Q207 DTC363TL
D1 KB-265C4
VR1 6.8K
VR2 33K
VR3 47K
VR201-1
VR201-2
VR201-3
VR201-4
VR201-5
VR401-1
VR401-2
VR401-3
VR401-4
T1
T2
T3
T4
T5
T6
T7
T8
CF1
CF2
CF3
CF4
VC1
VC2
VC3
VD1
VD2
VD3
X601
CH601
CB1501
CB1502
E801-1/2 ORB CONN
DSP1 DSP201M
L2 4.7uH
HDI501 HEAD
F
L-CH
R
R
R-CH
F
OUT
IN
S1501 PACK INSW
S1502 F/RSW
S1503 METAL SW
S1504 MUTE SW
SD1501 PLAY SOL
M1501 MOTOR
REV
FOR
F/RSW
EQ SW
BIAS CIRCUIT
AMP1
AMP2
Lch
Rch
Vcc
GND
WP401
S801 POWER
L801 12mH
8803 10E2
D1504 10E2
D635 MA165TA
MA165TA x2
MA165TA x3
MA165TA x4
ISS355 x2
ISS355 x3
ISS355 x4
HZS6BL1
HZS6CL1
HZS9CL1
HZS5ALL
HZS6ALL
HZS6BL1
HZS6CLL
HZS6BLL
HZS6ALL
HZS5ALL
HZS9CL1
HZS6BL1
HZS6C



	E	C	B	MODE
Q1	3V/0V	2V/7.3V	4.3V/0V	L/D
Q2	0V	5.4V	0V	S/D
Q3	0V	2V/0.6V	3V/4.2V	ST IND
Q4	0V	2.4V/0V	0V/0.7V	ST MONO
Q5	1.5V	6.7V	2.4V	
Q6	0V	0V	0.7V/0V	MUTE
Q201	6.7V	13.3V	7.4V	
Q202	0V	5.7V	0V	
Q203	0V	0V	4.3V	DB
Q204	0V	0V	5.2V	LOUD
Q205	0V	0V	3.2V	LOUD
Q206	0V	0V	0.7V/0V	MUTE
Q207	0V	0V	0.7V/0V	MUTE
Q208	0V	0V	0.7V/0V	MUTE
Q209	0V	0V	0.7V/0V	MUTE
Q601	0V	0V	4.3V	T/R
Q602	0V	0V	12V/0V	MUTE
Q603	0V	0V	12V/0V	MUTE
Q604	0V	4.2V/0V	0V/4.4V	MS IND
Q605	0V	0V	4.5V	PAUSE
Q606	0V	3.7V	0.8V	
Q607	0.6V	9.2V	1.1V	
Q608	0V	0V	4.4V/0V	R MONI
Q609	0V	8.1V	0V	LOUD
Q610	0V	0V	4.3V	MUTE
Q611	0V	13.3V	0V	
Q612	13.3V	0V	13.3V	
Q613	13.3V	0V	13.3V	
Q801	9.8V	13.8V	10.4V	
Q802	5.1V	13.3V	5.8V	
Q803	0V	0V	4.3V	T/R
Q804	13.6V	13.5V	12.9V	
Q805	8.5V	13.5V	9.1V	FM
Q806	0V	9.1V	0V	FM
Q807	0V	13.5V	9.7V	AM
Q808	0V	9.7V	0V	AM

Q6

G	0V
D	1.8V
S	0V

IC1

1	2.8V	10	4.9V
2	2.8V	11	4.9V
3	0V	12	7.8V
4	4V	13	0V
5	4V	14	0V
6	1.9V	15	0V
7	5V	16	4.1V
8	5V	17	5.9V
9	5V	18	0V

IC2

1	2.4V	15	2.4V
2	1.8V	16	2.4V
3	1.2V	17	8.1V
4	0V	18	0V
5	2.5V	19	2.4V
6	1.3V	20	2.4V
7	1.2V	21	1.3V
8	1.8V	22	2.4V
9	0V	23	2.4V
10	2.2V	24	2.4V
11	1.8V	25	8.2V
12	3V	26	2.4V
13	3V	27	2.4V
14	2.5V/0V	28	2.4V

IC3

1	1V	11	0V
2	1.5V	12	5.1V
3	3.5V	13	0V
4	0V	14	5.2V
5	2V	15	8.9V
6	8.9V	16	3.3V
7	6.2V	17	4.4V
8	1.5V	18	5.7V
9	1V	19	8.9V
10	8.9V	20	5.6V

IC601

		MODE			MODE
1	6.7V		33	PS	
2	1.1V		34	PS	
3	4.4V		35	PS	
4	0V		36	PS	
5	1.7V	AM OSC	37	PS	
6	1.9V	FM OSC	38	PS	
7	4.4V		39	PS	
8	0V		40	PS	
9	0V/4.5V	FM/AM	41	PS	
10	0V		42	PS	
11	4.4V	R MONI	43	PS	
12	4.4V		44	PS	
13	0V	LOUD	45	PS	
14	4.4V	T/R	46	PS	
15	4.4V/0V	MUTE	47	PS	
16	4.4V		48	PS	
17	0V		49	PS	
18	4.3V/0V	M.S	50	PS	
19	4.4V/0V	PAUSE	51	PS	
20	4.4V/0V	ST/MONO	52	PS	
21	4.3V/0V	L/D	53	PS	
22	4.5V/0V	DB	54	PS	
23	1.9V		55	PS	
24	1.9V		56	PS	
25	0V		57	PS	
26	4.8V		58	4.8V	
27	PS		59	PS	
28	PS		60	PS	
29	PS		61	PS	
30	PS		62	PS	
31	PS		63	4.9V/0V	ON/OFF
32	PS		64	0V	

IC201

1	12.8V
2	8.3V
3	8.3V
4	8.3V
5	0V
6	8.4V
7	8.3V
8	8.4V

IC203

1	8.7V
2	8.7V
3	8.7V
4	0V
5	8.7V
6	8.7V
7	8.7V
8	12.7V

IC602

	ON	OFF
1	PS	
2	PS	0V
3	PS	
4	PS	0V
5	4.8V	0V
6	0V	0V
7	0V	0V
8	PS	0V
9	PS	
10	PS	0V
11	PS	
12	0V	0V
13	4.2V	0V
14	5.2V	

IC603

	ON	OFF
1	PS	
2	PS	0V
3		
4		
5		
6	0V	
7	0V	0V
8	PS	
9	PS	0V
10	PS	0V
11	PS	
12	4.9V	0V
13	4.2V	0V
14	5.2V	

IC202

1	8.7V
2	8.7V
3	8.7V
4	0V
5	8.7V
6	8.7V
7	8.7V
8	13.5V

IC204

1	18.8V	9	1.3V
2	8.7V	10	0V
3	0V	11	1.2V
4	8.7V	12	0V
5	0V	13	13.5V
6	0V	14	8.7V
7	1.2V	15	0V
8	1.3V	16	8.7V

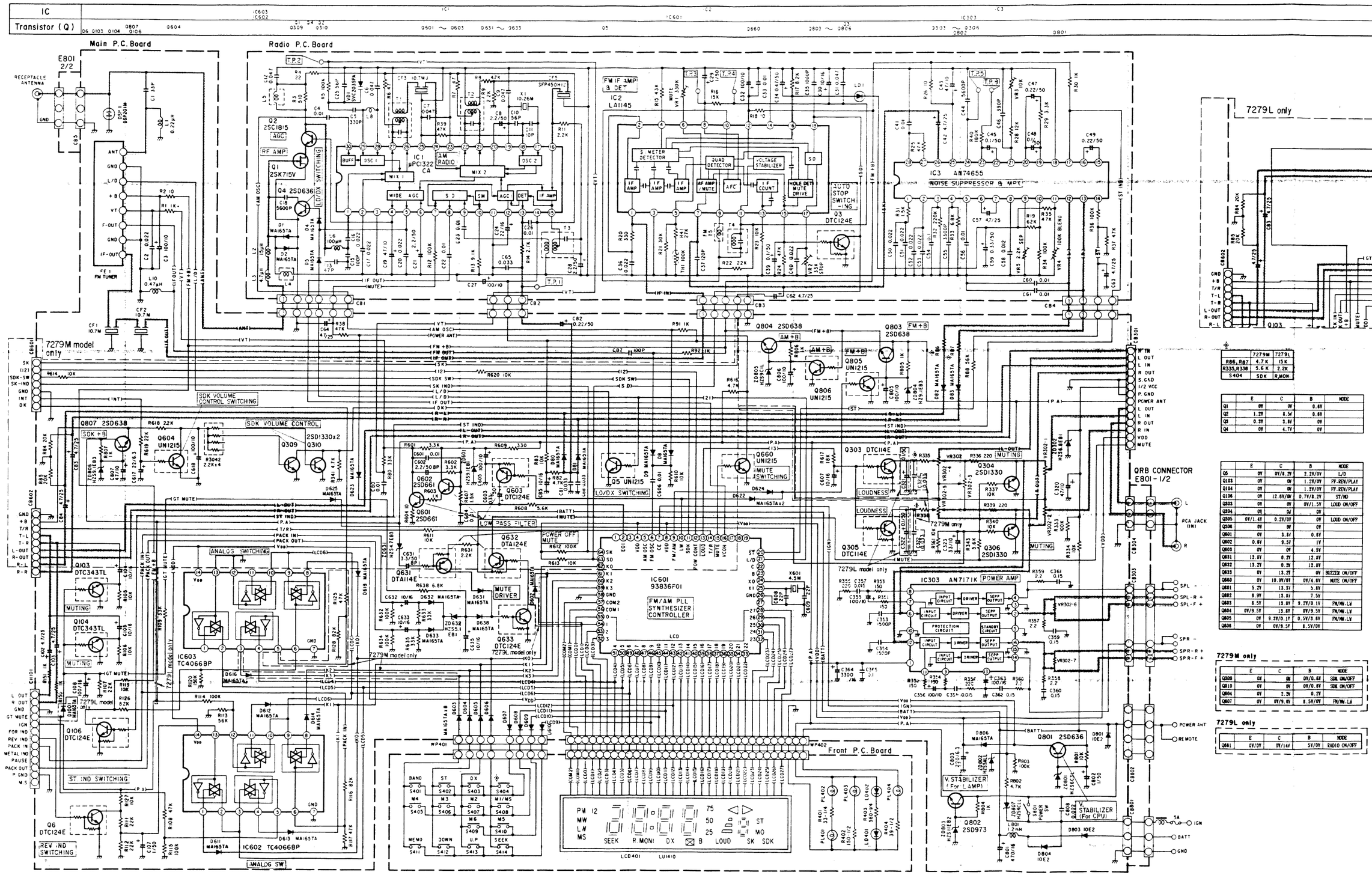
[Measuring Conditions]
- Power Supply : DC 14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Condition : No Signal Input
  AM : 1000kHz
  FM : 98.1MHz
  TAPE : BLANK TAPE

NOTES:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1{,}000{,}000}$

● 7279E Model Only

7279M/L/E

Schematic Diagram (2/3)



	7279M	7279L
R86, R87	4.7K	15K
R335, R338	5.6K	2.2K
S404	SDK	R.MON.

	E	C	B	MODE
Q1	0V	0V	0.6V	
Q2	1.2V	0.5V	0.6V	
Q3	0.3V	3.8V	0V	
Q4	0V	4.7V	0V	

	E	C	B	MODE
Q5	0V	0V/8.2V	2.2V/0V	L/D
Q103	0V	0V	1.2V/0V	FF.REW/PLAY
Q104	0V	0V	1.2V/0V	FF.REW/PLAY
Q106	0V	12.6V/0V	0.7V/8.2V	ST/MO
Q303	0V	0V	0V/1.5V	LOUD ON/OFF
Q304	0V	0V	0V	
Q305	0V/1.4V	0.2V/0V	0V	LOUD ON/OFF
Q306	0V	0V	0V	
Q601	0V	3.6V	0.6V	
Q602	0.8V	9.5V	1V	
Q603	0V	0V	4.5V	
Q631	12.6V	0.2V	12.6V	
Q632	13.2V	0.2V	12.6V	
Q633	0V	13.2V	0V	BUZZER ON/OFF
Q660	0V	10.9V/0V	0V/4.6V	MUTE ON/OFF
Q801	5.2V	13.5V	5.8V	
Q802	8.9V	13.8V	7.5V	
Q803	8.5V	13.8V	9.2V/0.1V	FM/AM.LW
Q804	0V/9.5V	13.8V	0V/9.5V	FM/AM.LW
Q805	0V	9.3V/0.1V	0.5V/9.6V	FM/AM.LW
Q806	0V	0V/9.5V	8.5V/0V	

7279M only

	E	C	B	MODE
Q309	0V	0V	0V/0.6V	SDK ON/OFF
Q310	0V	0V	0V/0.6V	SDK ON/OFF
Q904	0V	2.5V	0.2V	
Q907	0V	0V/9.6V	8.5V/0V	FM/AM.LW

7279L only

	E	C	B	MODE
Q661	0V/0V	0V/14V	5V/0V	RADIO ON/OFF

IC1		IC2		IC3	
1	3.5	1	2.1	1	0
2	3.5	2	2.7	2	0
3	0	3	0	3	0
4	1.5	4	4.9	4	0
5	1.5	5	4.8	5	0
6	3.5	6	2.1	6	0
7	5	7	0	7	0
8	4.9	8	4.9	8	0
9	4.9	9	4.9	9	0
10	4.9	10	4.9	10	0
11	4.9	11	4.9	11	0
12	4.9	12	6.3	12	0
13	0	13	0	13	0
14	0	14	0	14	0
15	0	15	0	15	0
16	4.8	16	4.8	16	0
17	4.8	17	4.8	17	0
18	4.7	18	4.7	18	0

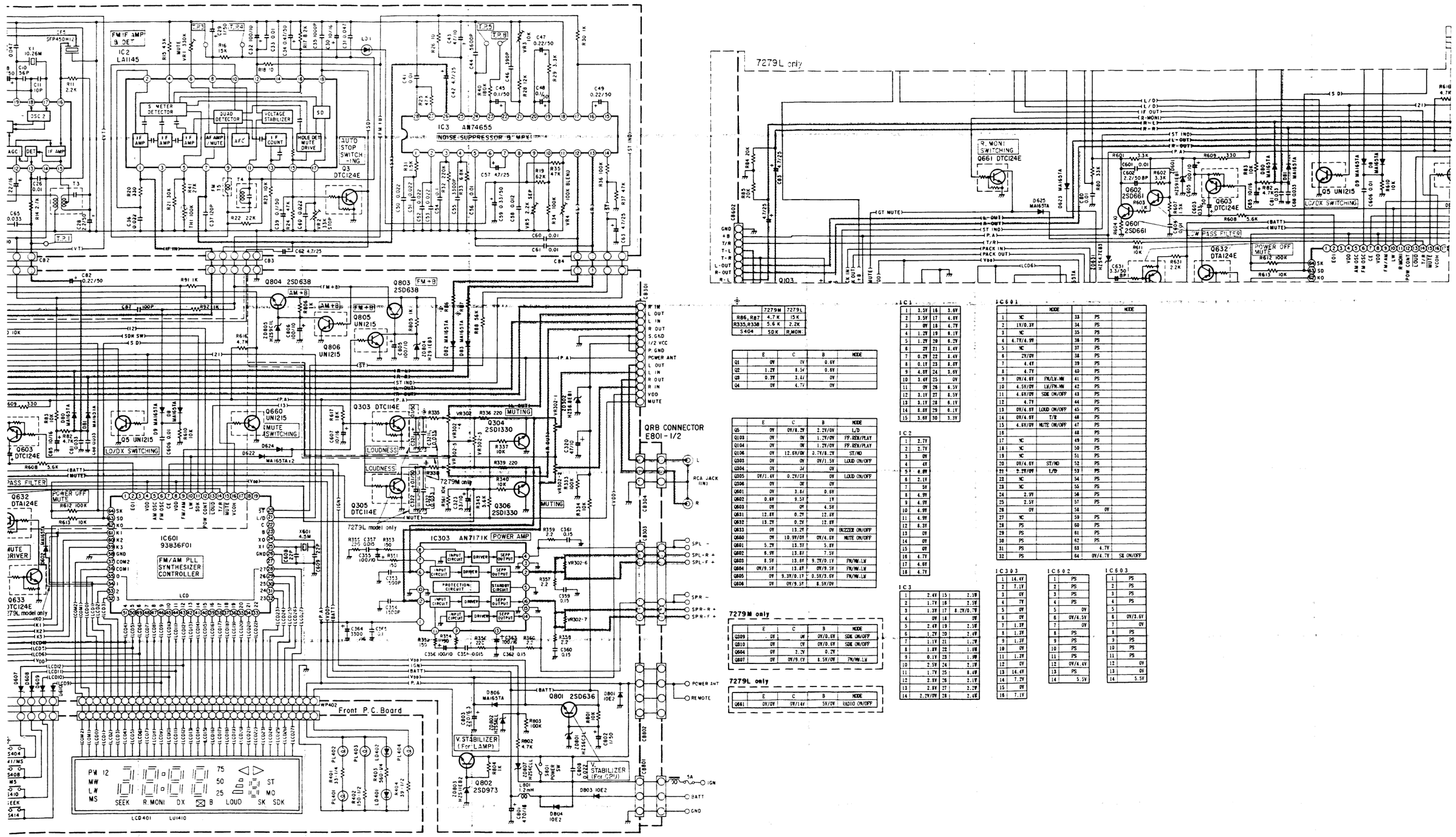
IC603	
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0

7279M/L/E

● 7279M and 7279L Models Only

NOTES:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$



	7279M	7279L
R86, R87	4.7K	15K
R335, R338	5.6K	2.2K
S404	SDK	R.MONI

	E	C	B	MODE
Q1	0V	0V	0.6V	
Q2	1.2V	8.5V	0.6V	
Q3	0.3V	3.6V	0V	
Q4	0V	4.7V	0V	

	E	C	B	MODE
Q5	0V	0V/8.2V	2.2V/0V	L/D
Q103	0V	0V	1.2V/0V	FP.REV/PLAY
Q104	0V	0V	1.2V/0V	FP.REV/PLAY
Q106	0V	12.6V/0V	0.7V/8.2V	ST/MO
Q303	0V	0V	0V/1.5V	LOUD ON/OFF
Q304	0V	3V	0V	
Q305	0V/1.4V	0.2V/C9	0V	LOUD ON/OFF
Q306	0V	0V	0V	
Q601	0V	3.6V	0.6V	
Q602	0.6V	9.5V	1V	
Q603	0V	0V	4.5V	
Q631	12.6V	0.2V	12.6V	
Q632	13.2V	0.2V	12.6V	
Q633	0V	13.2V	0V	BUZZER ON/OFF
Q660	0V	10.9V/0V	0V/4.6V	MUTE ON/OFF
Q801	5.2V	13.3V	5.8V	
Q802	6.9V	13.8V	7.5V	
Q803	8.5V	13.8V	9.2V/0.1V	FM/MW.LW
Q804	0V/9.5V	13.8V	0V/9.5V	FM/MW.LW
Q805	0V	9.3V/0.1V	0.5V/3.6V	FM/MW.LW
Q806	0V	0V/9.5V	8.5V/0V	

7279M only

	E	C	B	MODE
Q309	0V	0V	0V/0.6V	SDK ON/OFF
Q310	0V	0V	0V/0.6V	SDK ON/OFF
Q604	0V	2.2V	0.2V	
Q807	0V	0V/9.6V	8.5V/0V	FM/MW.LW

7279L only

	E	C	B	MODE
Q661	0V/0V	0V/14V	5V/0V	RADIO ON/OFF

IC1

1	3.5V	16	3.6V	
2	3.5V	17	4.6V	
3	0V	18	4.7V	
4	1.2V	19	8.1V	
5	1.2V	20	8.2V	
6	2V	21	8.4V	
7	0.2V	22	8.4V	
8	0.1V	23	8.8V	
9	4.8V	24	3.6V	
10	3.4V	25	0V	
11	0V	26	8.5V	
12	3.1V	27	8.5V	
13	3.1V	28	8.1V	
14	8.8V	29	8.1V	
15	3.6V	30	3.3V	

IC2

1	2.7V
2	2.7V
3	0V
4	6V
5	6.8V
6	2.1V
7	5V
8	4.9V
9	4.9V
10	4.9V
11	4.9V
12	8.3V
13	0V
14	0V
15	0V
16	4.7V
17	4.6V
18	4.7V

IC3

1	2.4V	15	2.5V
2	1.7V	16	2.5V
3	1.3V	17	8.2V/0.7V
4	0V	18	0V
5	2.4V	19	2.5V
6	1.2V	20	2.4V
7	1.1V	21	1.2V
8	1.8V	22	1.8V
9	0.1V	23	1.3V
10	2.5V	24	2.3V
11	1.7V	25	8.4V
12	2.5V	26	2.1V
13	2.8V	27	2.2V
14	2.2V/0V	28	2.4V

IC601

	MODE			MODE
1	NC		33	PS
2	1V/0.3V		34	PS
3	NC		35	PS
4	4.7V/4.9V		36	PS
5	NC		37	PS
6	2V/0V		38	PS
7	4.4V		39	PS
8	4.7V		40	PS
9	0V/4.6V	FM/LW.MW	41	PS
10	4.5V/0V	LW/FM.MW	42	PS
11	4.6V/0V	SDK ON/OFF	43	PS
12	4.7V		44	PS
13	0V/4.6V	LOUD ON/OFF	45	PS
14	0V/4.6V	T/R	46	PS
15	4.6V/0V	MUTE ON/OFF	47	PS
16			48	PS
17	NC		49	PS
18	NC		50	PS
19	NC		51	PS
20	0V/4.6V	ST/MO	52	PS
21	0.2V/0V	L/D	53	PS
22	NC		54	PS
23	NC		55	PS
24	2.9V		56	PS
25	2.5V		57	PS
26	0V		58	0V
27	NC		59	PS
28	PS		60	PS
29	PS		61	PS
30	PS		62	PS
31	PS		63	4.7V
32	PS		64	0V/4.7V

IC303

1	14.4V
2	7.1V
3	0V
4	7V
5	0V
6	0V
7	1.3V
8	1.3V
9	1.3V
10	0V
11	1.3V
12	0V
13	14.4V
14	7.2V
15	0V
16	7.1V

IC602

1	PS
2	PS
3	PS
4	PS
5	0V
6	0V/4.5V
7	0V
8	PS
9	PS
10	PS
11	PS
12	0V/4.4V
13	PS
14	5.5V

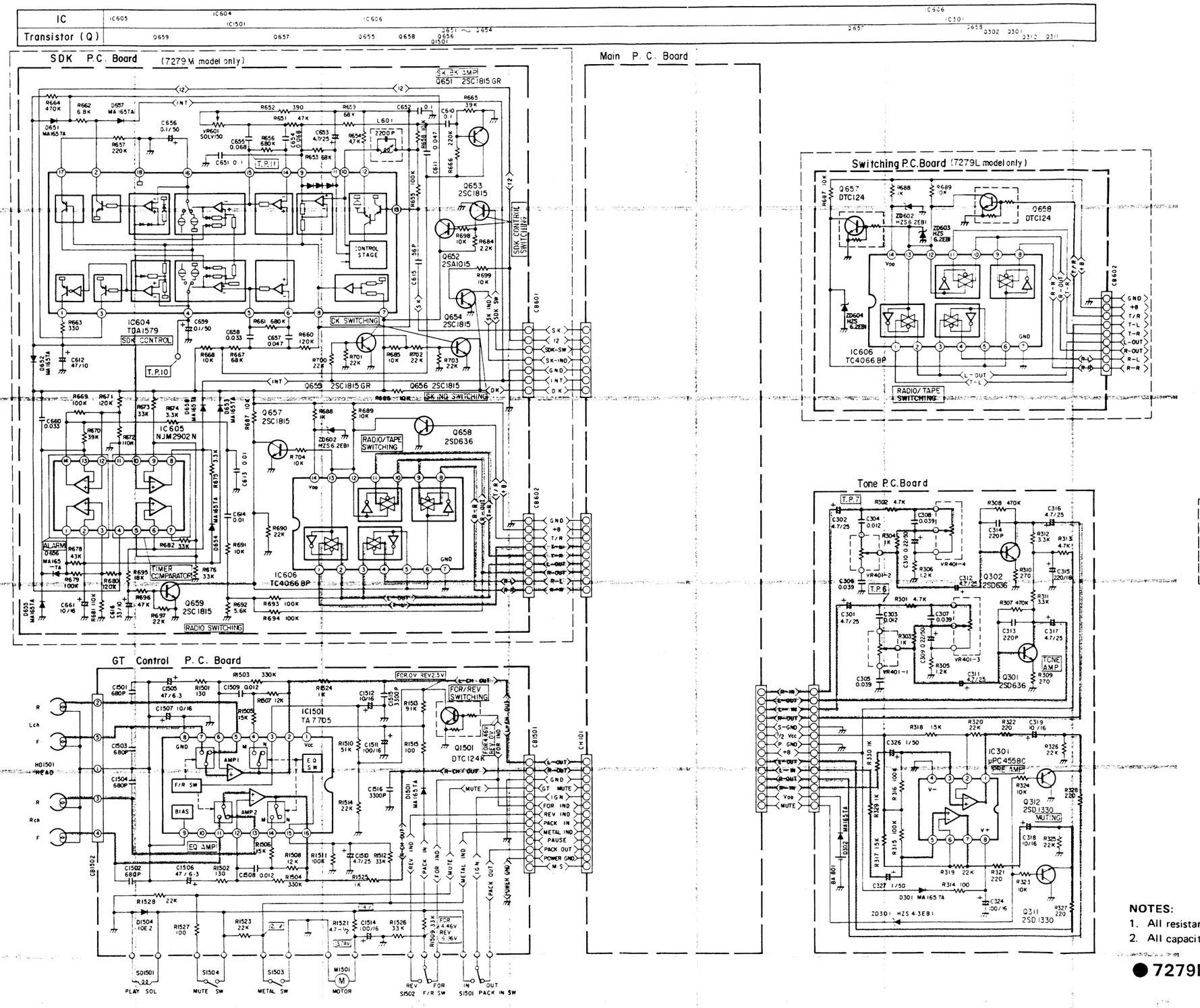
IC603

1	PS
2	PS
3	PS
4	PS
5	
6	0V/3.6V
7	0V
8	PS
9	PS
10	PS
11	PS
12	0V
13	0V
14	5.5V

s are in ohms. K = 1,000

alues are in microfarads. P = $\frac{1}{1,000,000}$

Schematic Diagram (3/3)



IC604 (SDK/DK)	
1	0V
2	0.1V/5.9V
3	4.5V
4	6.9V
5	4.2V
6	4.2V
7	8.4V
8	4.2V
9	5.2V
10	4.2V
11	5.2V/4.6V
12	4V
13	4.3V
14	4.2V
15	4.4V
16	0V/6.9V
17	3.4V
18	0V

IC606 (TAPE/RADIO)	
1	0V
2	0V
3	0V
4	0V
5	0V/5.7V
6	0V/5.7V
7	0V
8	0V
9	0V
10	0V
11	0V
12	4.5V/0V
13	4.5V/0V
14	5.7V

IC301	
1	6.9V
2	6.6V
3	5.9V
4	0V
5	6.3V
6	6.7V
7	6.7V
8	12.9V

IC605	
1	7.2V
2	1.5V
3	5.2V
4	8.4V
5	5.2V
6	0.6V
7	7.2V
8	0.8V
9	5.2V
10	0V
11	0V
12	2.7V
13	0.8V
14	0.8V

IC1501		
1	12.9V	
2	2.97V	
3	0V	PDR
	2.48V	REV
4	2.58V	
5	2.85V	
6	2.85V	
7	2.85V	
8	0V	
9	2.84V	
10		
11	2.85V	
12	2.85V	
13	2.85V	
14	2.88V	
15	9.3V	METAL
	0V	NORMAL
16	2.96V	

IC604,605
7279M only

	E	C	B	MODE
Q801	1.1V	3.8V	0.5V	
Q802	1.1V	3.8V	0.5V	
Q811	0V	0V	0.8V/0V	MUTE ON/OFF
Q812	0V	0V	0.8V/0V	MUTE ON/OFF
Q857	0V	0V/5.7V	0.8V/0V	TAPE/RADIO
Q858	0V	4.5V/0V	0V/0.6V	TAPE/RADIO

	E	C	B	MODE
Q851	0V	4.4V	0.8V	
Q852	8.4V/8.4V	8.4V/0V	7.7V/8.2V	SDK ON/OFF
Q853	0V	0V/8.2V	0.7V/0V	SDK ON/OFF
Q854	0V	0V/3.2V	0.8V/0.1V	SK ON/OFF
Q855	0V	5.8V/5.8V	0.1V/0.1V	DK ON/OFF
Q856	0V	0V	0.8V/0.8V	DK ON/OFF
Q859	0V	0V/5.8V	0.8V/0.1V	

7279M model only

[Measuring Conditions]
- Power Supply : DC 14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between Ground
- Measuring Condition : Signal Input
  AM : 999kHz 74dBμV
  FM : 98.1MHz 60dBμV
  22.5kHz 30% Dev
  Tape : MTT 212N(315Hz)

NOTES:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1{,}000{,}000}$

● 7279M and 7279L Models Only

7279M/L/E

Electrical Parts List

Resistor : Carbon resistors under 1/4 watts are not mentioned in the parts list, please confirm them by schematic diagram.
uF = microfarads, pF = picofarads

Abbreviations

RES. = Resistor	CAP. = Capacitor
C.F. = Carbon Film	ELY. = Electrolytic
M.F. = Metal Film	CER. = Ceramic
M.O. = Metal Oxide Film	MYL. = Mylar
M.P. = Metal Plate	TAN. = Tantalum
TR. = Transistor	POLY. = Polystyrol
TRANS. = Transformer	PP. = Polypropylene
CP. = Chip	PLT. = Polyethylene

Symbol No.	Part No.	Description		
▲ △	Radio P. C. Board (For 7279M and 7279L models only)			
	IC's/Transistors			
IC1	51T94315F01	μ PC1322CA		
IC2	51T94495F01	LA1145		
IC3	51T94316F01	AN7465S		
Q1	48T95129F03	FET, 2SK715V		
Q2	48S43525F03	2SC1815		
Q3	48T62963F03	DTC124		
Q4	48S40627U04	2SD636		
	Diodes/LED			
D1	48T44813F01	MA165TA		
D2	48T44813F01	MA165TA		
D4	48T44813F01	MA165TA		
D5	48T44813F01	MA165TA		
LD1	48T51833F03	LED, BG4524K (GRN)		
VD1	48T96538F01	Varactor, SVC203		
	Coils/Thermistor			
L2	24T51656F24	Inductor 15 μ H		
L3	24T51656F18	Inductor 4.7 μ H		
L4	24T94308F01	Inductor 100mH		
L5	24T94309F01	Inductor 2mH		
L6	24T51656F34	Inductor 100 μ H		
L8	24T94496F01	OSC (RED)		
T1	24T94496F02	Coil, IFT (BRN)		
T2	24T94496F03	Coil, IFT (YEL)		
T3	24T94496F04	Coil, IFT (BLK)		
T4	24T10069W01	Coil, FM		
T5	24T10069W02	Coil, FM		
TH1	48T82780F02	Thermistor, 100k ohm		

Symbol No.	Part No.	Description		
	Crystal/Filters			
X1	48T94314F02	Crystal, 10.26MHz		
CF3	91T94396F01	CER., Filter, 10.71MJ		
CF5	91T73118F02	CER., Filter, SFP 450H12		
	Capacitors			
C4	08S65480F61	CER., 0.01 μ F		
C5	08S65480F43	CER., 330pF		
C6	08T44979P12	CER., 0.047 μ F		
C7	08T44979P12	CER., 0.047 μ F		
C8	23T43247F06	ELY., 2.2 μ F/50V		
C9	08T44979P12	CER., 0.047 μ F		
C10	08S65480F31	CER., 56pF		
C11	08S65480F13	CER., 10pF		
C12	08T44979P12	CER., 0.047 μ F		
C13	08S65480F29	CER., 47pF		
C15	08S65480F37	CER., 100pF		
C16	08S65480F62	CER., 0.022 μ F		
C17	08S65480F62	CER., 0.022 μ F		
C18	08S65480F58	CER., 5600pF		
C19	23T43247F13	ELY., 47 μ F/10V		
C20	08T44979P10	CER., 0.022 μ F		
C21	23T43247F06	ELY., 2.2 μ F/50V		
C22	08S65480F61	CER., 0.01 μ F		
C23	08S65480F61	CER., 0.01 μ F		
C24	23T43247F10	ELY., 22 μ F/16V		
C25	08S65480F31	CER., 56pF		
C26	08S65480F61	CER., 0.01 μ F		
C27	23T43247F21	ELY., 100 μ F/10V		
C28	23T43247F06	ELY., 2.2 μ F/50V		
C29	23T43247F05	ELY., 1 μ F/50V		
C30	23T43247F09	ELY., 10 μ F/16V		
C31	08T44979P12	CER., 0.047 μ F		
C32	23T43247F21	ELY., 100 μ F/10V		
C33	08S65480F61	CER., 0.01 μ F		
C34	23T43247F04	ELY., 0.47 μ F/50V		
C35	08S65480F49	CER., 1000pF		
C36	08S65480F62	CER., 0.022 μ F		
C37	08S65480F38	CER., 120pF		
C39	23T43247F01	ELY., 0.1 μ F/50V		
C40	08S65480F62	CER., 0.022 μ F		
C41	08S65480F61	CER., 0.01 μ F		
C42	23T43247F08	ELY., 4.7 μ F/25V		
C43	23T43247F13	ELY., 47 μ F/10V		
C44	08S65480F58	CER., 5600pF		
C45	23T43247F01	ELY., 0.1 μ F/50V		

Notes : ▲ : For 7279M model only. △ : For 7279L model only. Others : Both models common.
When replacing varactor diode VD1 always use a diode with the same rank.

Symbol No.	Part No.	Description		
C46	08T44481F03	PP., 390pF		
C47	23T43247F02	ELY., 0.22 μ F/50V		
C48	23T43247F01	ELY., 0.1 μ F/50V		
C49	23T43247F02	ELY., 0.22 μ F/50V		
C50	08S65480F62	CER., 0.022 μ F		
C51	08S65480F62	CER., 0.022 μ F		
C52	08S65480F62	CER., 0.022 μ F		
C53	08S65480F62	CER., 0.022 μ F		
C54	23T43247F01	ELY., 0.1 μ F/50V		
C55	08S65480F55	CER., 3300pF		
C56	08S65480F61	CER., 0.01 μ F		
C57	23T43247F08	ELY., 4.7 μ F/25V		
C58	08T42629F68	MYL., 0.012 μ F		
C59	23T43247F03	ELY., 0.33 μ F/50V		
▲ C60	08T42629F68	MYL., 0.012 μ F		
△ C60	08T44979P08	CER., 0.01 μ F		
▲ C61	08T42629F68	MYL., 0.012 μ F		
△ C61	08T44979P08	CER., 0.01 μ F		
C62	23T43247F08	ELY., 4.7 μ F/25V		
C63	23T43247F08	ELY., 4.7 μ F/25V		
C65	08T44979P11	CER., 0.033 μ F		

Resistors

VR1	18T74439F22	Variable 330k ohm		
VR2	18T74439F16	Variable 33k ohm		
VR3	18T74439F13	Variable 10k ohm		
VR4	18T74439F19	Variable 100k ohm		
VR5	18T74439F09	Variable 2.2k ohm		

▲ Main P. C. Board
△ (For 7279M and 7279L models only)

IC's

IC303	51T82314F01	AN7171K		
IC601	51T93836F01	93836F01		
IC602	51T47739F01	TC4066BP		
IC603	51T47739F01	TC4066BP		

Transistors

Q5	48T62540F05	UN1215		
Q6	48T62963F03	DTC124		
Q103	48T82763F30	DTC343TL		
Q104	48T82763F30	DTC343TL		
Q106	48T62963F03	DTC124		

Symbol No.	Part No.	Description		
Q303	48T62963F02	DTC114		
Q304	48T57337F01	2SD1330		
Q305	48T62963F02	DTC114		
Q306	48T57337F01	2SD1330		
▲ Q309	48T57337F01	2SD1330		
▲ Q310	48T57337F01	2SD1330		
Q601	48T42182U01	2SD661		
Q602	48T42182U01	2SD661		
Q603	48T62963F03	DTC124		
▲ Q604	48T62540F05	UN1215		
Q631	48T62962F02	DTA114		
Q632	48T82762F03	DTA124EL		
Q633	48T62963F03	DTC124		
Q660	48T62540F05	UN1215		
Q801	48S40627U04	2SD636		
Q802	48T52549F02	2SD973A		
Q803	48S42455F03	2SD638		
Q804	48S42455F03	2SD638		
Q805	48T62540F05	UN1215		
Q806	48T62540F05	UN1215		
▲ Q807	48S42455F03	2SD638		

Diodes/Surge Protector

D8	48T44813F01	MA165TA		
D9	48T44813F01	MA165TA		
D80	48T44813F01	MA165TA		
D81	48T44813F01	MA165TA		
D82	48T44813F01	MA165TA		
D83	48T44813F01	MA165TA		
▲ D602	48T44813F01	MA165TA		
D603	48T44813F01	MA165TA		
D604	48T44813F02	MA165		
D605	48T44813F01	MA165TA		
D606	48T44813F01	MA165TA		
D607	48T44813F01	MA165TA		
D608	48T44813F01	MA165TA		
D609	48T44813F01	MA165TA		
D610	48T44813F01	MA165TA		
D611	48T44813F01	MA165TA		
D612	48T44813F01	MA165TA		
D613	48T44813F01	MA165TA		
D614	48T44813F01	MA165TA		
▲ D616	48T44813F01	MA165TA		
D618	48T44813F01	MA165TA		
D622	48T44813F01	MA165TA		
D623	48T44813F01	MA165TA		
D624	48T44813F01	MA165TA		
D625	48T44813F01	MA165TA		

Notes : ▲ : For 7279M model only. △ : For 7279L model only. Others : Both models common.

Symbol No.	Part No.	Description		
D631	48T44813F01	MA165TA		
D632	48T44813F01	MA165TA		
D633	48T44813F01	MA165TA		
D638	48T44813F01	MA165TA		
D801	48C40235G02	10E2		
D803	48C40235G02	10E2		
D804	48C40235G02	10E2		
D806	48T44813F01	MA165TA		
D1001	48T44813F01	MA165TA		
ZD302	48T68697F26	Zener, HZS6.8EB1		
ZD601	48T68697F35	Zener, HZS9.1EB1		
▲ ZD631	48T68697F16	Zener, HZS4.7EB3		
△ ZD631	48T68697F14	Zener, HZS4.7EB1		
ZD632	48T68697F17	Zener, HZS5.1EB1		
ZD801	48T52741F06	Zener, HZ6B3L		
ZD802	48T91071F10	Zener, HZS5ALL		
ZD803	48T68697F43	Zener, HZS11EB2		
ZD804	48T68697F37	Zener, HZS9.1EB3		
ZD805	48T52741F25	Zener, HZ9C−1L		
▲ ZD806	48T68697F37	Zener, HZS9.1EB3		
ZD807	48T91071F09	Zener, HZS4CLL		
DSP1	48T70875F02	Surge Protector, DSP−201M		
Coils				
L1	24T50508F02	Inductor 0.22 μ H		
L10	24T50508F06	Inductor 0.47 μ H		
L801	24T58149F02	Inductor 1.2mH		
Crystal/Filters				
X601	48T55073F03	4.5MHz		
CF1	91T80084F01	CER., Filter 1070MS10FAL		
CF2	91T80084F01	CER., Filter 1070MS10FAL		
Capacitors				
C1	08S65480F25	CER., 33pF		
C2	08S65480F62	CER., 0.022 μ F		
C3	23T68328F03	ELY., 100 μ F/10V		
C64	23T43247F08	ELY., 4.7 μ F/25V		
C80	08S65480F61	CER., 0.01 μ F		
C81	08T44979P11	CER., 0.033 μ F		
C82	23T43247F02	ELY., 0.22 μ F/50V		
C83	23S57422F08	ELY., 4.7 μ F/25V		
C84	23S57422F08	ELY., 4.7 μ F/25V		
C85	23T43247F09	ELY., 10 μ F/16V		

Symbol No.	Part No.	Description		
C87	08S65480F37	CER., 100pF		
C88	08T44979P11	CER., 0.033 μ F		
C102	23T43247F08	ELY., 4.7 μ F/25V		
C103	23T43247F08	ELY., 4.7 μ F/25V		
C104	23T43247F09	ELY., 10 μ F/16V		
C105	23T43247F09	ELY., 10 μ F/16V		
C107	23T43247F05	ELY., 1 μ F/50V		
C108	23T73861F09	ELY., 100 μ F/16V		
C320	23T68328F02	ELY., 47 μ F/10V		
▲ C321	08T42629F23	MYL., 0.033 μ F		
△ C321	23T43247F01	ELY., 0.1 μ F/50V		
▲ C322	08T42629F23	MYL., 0.033 μ F		
△ C322	23T43247F01	ELY., 0.1 μ F/50V		
C323	23T43247F11	ELY., 33 μ F/10V		
C353	08S65480F51	CER., 1500pF		
C354	08S65480F51	CER., 1500pF		
C355	23T68328F03	ELY., 100 μ F/10V		
C356	23T68328F03	ELY., 100 μ F/10V		
C357	08T42629F69	MYL., 0.015 μ F		
C358	08T42629F69	MYL., 0.015 μ F		
C359	08T50579F15	TF., 0.15 μ F		
C360	08T50579F15	TF., 0.15 μ F		
C361	08T50579F15	TF., 0.15 μ F		
C362	08T50579F15	TF., 0.15 μ F		
C363	23T68328F16	ELY., 100 μ F/16V		
C364	23C42170G37	ELY., 3300 μ F/16V		
C365	08S65480F63	CER., 0.1 μ F		
C601	08S65480F61	CER., 0.01 μ F		
C602	23T41366F41	ELY., 2.2 μ F/50V (B.P.)		
C603	23T43247F03	ELY., 0.33 μ F/50V		
C604	08S65480F61	CER., 0.01 μ F		
C605	23T68328F03	ELY., 100 μ F/10V		
C606	08S65480F61	CER., 0.01 μ F		
C607	23T43247F09	ELY., 10 μ F/16V		
C608	08S65480F21	CER., 22pF		
C609	08S65480F21	CER., 22pF		
▲ C617	23T43247F16	ELY., 22 μ F/6.3V		
▲ C618	23T68328F03	ELY., 100 μ F/10V		
C631	23T41366F42	ELY., 3.3 μ F/50V (BP)		
C632	23T43247F09	ELY., 10 μ F/16V		
C633	23T43247F09	ELY., 10 μ F/16V		
C635	23T43247F09	ELY., 10 μ F/16V		
C801	23C42170G30	ELY., 470 μ F/16V		
C802	23T43247F05	ELY., 1 μ F/50V		
C803	23S82482F01	ELY., 220 μ F/6.3V		
C805	23T68328F03	ELY., 100 μ F/10V		
C806	23T68328F03	ELY., 100 μ F/10V		
▲ C807	23T68328F02	ELY., 47 μ F/10V		
C808	08S64580F62	CER., 0.022 μ F		

Notes : ▲ : For 7279M model only, △ : For 7279L model only, Others : Both models common.

Symbol No.	Part No.	Description
Resistors		
▲ R3042	06T93554F02	Block 4 x 2.2k ohm
▲ VR302 ┐ ▲ S801 ┘	18T94491F07	Volume, Control 100k ohm (VOL, BAL, FADER, POWER)
△ VR302 ┐ △ S801 ┘	18T94491F08	Volume, Control 20k ohm (VOL, BAL, FADER, POWER)
▲ Front P. C. Board △ (For 7279M and 7279L models only)		
LEDs		
LD401	48T51833F03	BG4524K (GRN)
LD402	48T51833F03	BG4524K (GRN)
Switches		
S401	40T70366F01	Tact, KHL-10906 (BAND)
S402	40T70366F01	Tact, KHL-10906 (ST)
S403	40T70366F01	Tact, KHL-10906 (DX)
△ S404	40T70366F01	Tact, KHL-10906 (LOUD/R. MONI)
▲ S404	40T70366F01	Tact, KHL-10906 (LOUD/SDK)
S405	40T70366F01	Tact, KHL-10906 (M4)
S406	40T70366F01	Tact, KHL-10906 (M3)
S407	40T70366F01	Tact, KHL-10906 (M2)
S408	40T70366F01	Tact, KHL-10906 (M1)
S409	40T70366F01	Tact, KHL-10906 (M6)
S410	40T70366F01	Tact, KHL-10906 (M5)
S411	40T70366F01	Tact, KHL-10906 (MEMO)
S412	40T70366F01	Tact, KHL-10906 (DOWN)
S413	40T70366F01	Tact, KHL-10906 (UP)
S414	40T70366F01	Tact, KHL-10906 (SEEK)

Symbol No.	Part No.	Description
Lamps		
PL401	65T80294F05	Pilot, 6V-65mA
PL402	65T80294F05	Pilot, 6V-65mA
PL403	65T80294F05	Pilot, 6V-65mA
PL404	65T95083F01	Pilot, 6.7V-85mA
Resistors		
R402	06T67581F22	C.F., 150 ohm 1/2W
R404	06T67581F15	C.F., 39 ohm 1/2W
VR401	18T93886F02	Volume, 20k ohm A x 2 (TREBLE/BASS)
Tone P. C. Board		
IC/Transistors/Diodes		
IC301	51S43471U02	IC, μ PC4558C
Q301	48S40627U04	TR., 2SD636
Q302	48S40627U04	TR., 2SD636
Q311	48T57337F03	TR., 2SD1330
Q312	48T57337F03	TR., 2SD1330
D301	48T44813F01	Diode, MA165TA
D302	48T44813F01	Diode, MA165TA
ZD301	48T68697F20	Diode, Zener, HZS5.6EB1
Capacitors		
C301	23T43247F08	ELY., 4.7 μ F/25V
C302	23T43247F08	ELY., 4.7 μ F/25V
C303	08T42629F68	MYL., 0.012 μ F
C304	08T42629F68	MYL., 0.012 μ F
C305	08T42629F74	MYL., 0.039 μ F
C306	08T42629F74	MYL., 0.039 μ F
C307	08T42629F74	MYL., 0.039 μ F
C308	08T42629F74	MYL., 0.039 μ F
C309	23T43247F02	ELY., 0.22 μ F/50V
C310	23T43247F02	ELY., 0.22 μ F/50V
C311	23T43247F08	ELY., 4.7 μ F/25V
C312	23T43247F08	ELY., 4.7 μ F/25V
C313	08S65480F41	CER., 220pF
C314	08S65480F41	CER., 220pF
C315	23T73861F38	ELY., 470 μ F/16V

Notes : ▲ : For 7279M model only, △ : For 7279L model only, Others : Both models common.

Symbol No.	Part No.	Description		
C316	23T43247F08	ELY., 4.7 μ F/25V		
C317	23T43247F08	ELY., 4.7 μ F/25V		
C318	23T43247F09	ELY., 10 μ F/16V		
C319	23T43247F09	ELY., 10 μ F/16V		
C324	23T43247F22	ELY., 100 μ F/16V		
C326	23T43247F06	ELY., 2.2 μ F/50V		
C327	23T43247F06	ELY., 2.2 μ F/50V		
		SDK P. C. Board (For 7279M model only)		
▲				
		IC's/Transistors		
IC604	51T82523F01	TDA1579		
IC605	51T83062F01	NJM2902N		
IC606	51T47739F01	TC4066BP		
Q651	48S43525F03	TR., 2SC1815		
Q652	48T51118F02	TR., 2SA1015		
Q653	48S43525F03	TR., 2SC1815		
Q654	48S43525F03	TR., 2SC1815		
Q655	48S43525F03	TR., 2SC1815		
Q656	48S43525F03	TR., 2SC1815		
Q657	48S43525F03	TR., 2SC1815		
Q658	48S40627U04	TR., 2SD636		
Q659	48S43525F03	TR., 2SC1815		
		Diodes/Coil		
D651	48T44813F01	MA165TA		
D652	48T44813F01	MA165TA		
D653	48T44813F01	MA165TA		
D654	48T44813F01	MA165TA		
D655	48T44813F01	MA165TA		
D656	48T44813F01	MA165TA		
D657	48T44813F01	MA165TA		
D658	48T44813F01	MA165TA		
ZD602	48T68697F23	Zener, HZS6.2EB1		
L601	24T84175F02	Coil, SK (57kHz)		
		Capacitors/Resistor		
C610	08T42629F79	MYL., 0.1 μ F		
C611	08T42629F75	MYL., 0.047 μ F		
C612	23S41198U26	ELY., 47 μ F/10V		
C613	08S65480F61	CER., 0.01 μ F		
C614	08T44979P08	CER., 0.01 μ F		
C615	08S65480F31	CER., 56pF		
C616	23T43247F11	ELY., 33 μ F/10V		
C651	08T42629F79	MYL., 0.1 μ F		
C652	08T42629F79	MYL., 0.1 μ F		
C653	23T43247F08	ELY., 4.7 μ F/25V		

Symbol No.	Part No.	Description		
C654	08T42629F77	MYL., 0.068 μ F		
C655	08T42629F77	MYL., 0.068 μ F		
C656	23T43247F01	ELY., 0.1 μ F/50V		
C657	08T42629F75	MYL., 0.047 μ F		
C658	08T42629F73	MYL., 0.033 μ F		
C659	23T43247F01	ELY., 0.1 μ F/50V		
C660	08T44979P11	CER., 0.033 μ F		
C661	23T43247F09	ELY., 10 μ F/16V		
VR601	18T42748F02	RES., Variable, 150 ohm		
		Switching P. C. Board (For 7279L model only)		
△				
		IC/Transistors/Diodes		
IC606	51T47739F01	TC4066BP		
Q657	48T62963F03	DTC124		
Q658	48T62963F03	DTC124		
ZD602	48T68697F23	Zener, HZS6.2EB1		
ZD603	48T68697F23	Zener, HZS6.2EB1		
ZD604	48T68697F23	Zener, HZS6.2EB1		
		Tuner P. C. Board (For 7279E model only)		
◆				
		IC's		
IC1	51T94495F01	LA1145		
IC2	51T94316F01	AN7465S		
IC3	51T94547F01	LA1137		
		Transistors		
Q2	48T62963F03	DTC124		
Q3	48T62963F03	DTC124		
Q4	48S43525F02	2SC1815		
Q5	48S43525F02	2SC1815		
Q6	48T95129F01	FET, 2SK715		
Q8	48T62963F03	DTC124		
		Diodes		
D1	48T51087F01	Varistor, KB-265C4		
D3	48T44813F01	MA165TA		
D5	48T44813F01	MA165TA		
D8	48T44813F01	MA165TA		
D9	48T44813F02	MA165		

Notes : Tone P. C. Board for 7279M and 7279L models only, ▲ : SDK P. C. Board for 7279M model only, △ : Switching P. C. Board for 7279L model only, ◆ : Tuner P. C. Board for 7279E model only, Others : Common.

Symbol No.	Part No.	Description		
VD1	48T80759F02	Varactor, KV1235Z		
VD2	48T80759F02	Varactor, KV1235Z		
VD3	48T80759F02	Varactor, KV1235Z		
Coils				
T1	24T58377F01	Inductor FM (WHT)		
T2	24T58377F02	FM 7KL (BLU)		
T3	24T95072F05	AM OSC (RED)		
T4	24T95072F04	IFT-2 (BLK)		
T5	24T95072F03	IFT-1 (YEL)		
T6	24T95072F02	AM RF (GRN)		
T7	24T95072F01	AM ANT (WHT)		
T8	24T95232F01	Inductor (BLK)		
Filters				
CF1	91T83724F01	CER., 10.7MS2LK2		
CF2	91T83724F01	CER., 10.7MS2LK2		
CF3	91T60378F01	CER., BFU450C4N		
CF4	91T56243F01	CER., 450H		
Capacitors				
C4	08S65480F62	CER., 0.022 μ F		
C5	08S65480F38	CER., 120pF		
C6	23T43247F05	ELY., 1 μ F/50V		
C7	23T43247F09	ELY., 10 μ F/16V		
C8	08T44979P12	CER., 0.047 μ F		
C9	23T43247F21	ELY., 100 μ F/10V		
C10	08S65480F61	CER., 0.01 μ F		
C11	23T43247F04	ELY., 0.47 μ F/50V		
C12	23T43247F05	ELY., 1 μ F/50V		
C13	08S65480F55	CER., 3300pF		
C14	08S65480F61	CER., 0.01 μ F		
C15	08T44979P12	CER., 0.047 μ F		
C16	08T44979P12	CER., 0.047 μ F		
C17	08S65480F63	CER., 0.1 μ F		
C18	08S65480F55	CER., 3300pF		
C19	08S65480F61	CER., 0.01 μ F		
C20	23T43247F08	ELY., 4.7 μ F/25V		
C21	23T43247F13	ELY., 47 μ F/10V		
C22	08S65480F59	CER., 6800pF		
C23	23T43247F08	ELY., 4.7 μ F/25V		

Symbol No.	Part No.	Description		
C24	23T43247F01	ELY., 0.1 μ F/50V		
C25	08S65480F62	CER., 0.022 μ F		
C26	08T44481F03	PP., 390pF		
C27	23T43247F01	ELY., 0.1 μ F/50V		
C28	23T43247F02	ELY., 0.22 μ F/50V		
C29	23T43247F03	ELY., 0.33 μ F/50V		
C30	08T42629F71	MYL., 0.022 μ F		
C31	08T42629F71	MYL., 0.022 μ F		
C32	23T43247F02	ELY., 0.22 μ F/50V		
C33	08S65480F61	CER., 0.01 μ F		
C34	23T43247F09	ELY., 10 μ F/16V		
C36	08T44481F04	PP., 430pF		
C37	08S65480F62	CER., 0.022 μ F		
C38	23T43247F21	ELY., 100 μ F/10V		
C39	08T44979P12	CER., 0.047 μ F		
C40	23T43247F04	ELY., 0.47 μ F/50V		
C41	23T43247F07	ELY., 3.3 μ F/25V		
C42	23T43247F08	ELY., 4.7 μ F/25V		
C43	08T50579F08	T.F., 0.039 μ F		
C44	08S65480F61	CER., 0.01 μ F		
C45	08S65480F62	CER., 0.022 μ F		
C46	23T43247F04	ELY., 0.47 μ F/50V		
C47	08S65480F62	CER., 0.022 μ F		
C48	08S65480F63	CER., 0.1 μ F		
C49	21C45322G32	CER., 0.022 μ F		
C50	08S65480F62	CER., 0.022 μ F		
C51	23T43247F05	ELY., 1 μ F/50V		
C52	23T43247F17	ELY., 47 μ F/6.3V		
C53	21C45322G32	CER., 0.022 μ F		
VC1	20T47503F02	Trimmer, TZ03 (RED)		
VC2	20T47503F02	Trimmer, TZ03 (RED)		
VC3	20T47503F02	Trimmer, TZ03 (RED)		
Resistors				
VR1	18T42748F12	Volume, Solid, 6.8k ohm		
VR2	18T42748F16	Variable, 33k ohm B		
VR3	18T42748F11	Variable, 4.7k ohm B		
VR4	18T42748F09	Variable, 2.2k ohm		
◆		Main P. C. Board (For 7279E model only)		
IC's				
IC201	51T68721F03	BA3114		
IC202	51S43471U02	UPC4558C		
IC203	51S43471U02	UPC4558C		
IC204	51T82314F01	AN7171K		
IC601	51T92808F01	92808F01		

Notes : ◆ : Tuner P. C. Board and Main P. C. Board for 7279E model only.
When replacing varactor diodes VD1~VD3 always use a diode with the same rank.

Symbol No.	Part No.	Description		
IC602	51T47739F01	TC4066BP		
IC603	51T47739F01	TC4066BP		
Transistors				
Q1	48T62963F10	DTC114T		
Q204	48T62963F02	DTC114		
Q205	48T62963F02	DTC114		
Q206	48T82763F31	DTC363TL		
Q207	48T82763F31	DTC363TL		
Q208	48T82763F31	DTC363TL		
Q209	48T82763F31	DTC363TL		
Q601	48T62963F03	DTC124		
Q602	48T62963F10	DTC114T		
Q603	48T62963F10	DTC114T		
Q606	48T42182U01	2SD661		
Q607	48T42182U01	2SD661		
Q608	48T62963F03	DTC124		
Q609	48T62963F03	DTC124		
Q610	48T62963F03	DTC124		
Q611	48T62963F03	DTC124		
Q612	48T62962F03	DTA124		
Q613	48T62962F02	DTA114		
Q801	48T52549F01	2SD973A		
Q802	48S40627U01	2SD636		
Q803	48T62963F03	DTC124		
Q804	48S40591U01	2SB641		
Q805	48T52549F01	2SD973A		
Q806	48T62963F03	DTC124		
Q807	48S42455F01	2SD638		
Q808	48T62963F03	DTC124		
Diodes/Surge Protector				
D6	48T44813F01	MA165TA		
D7	48T44813F01	MA165TA		
D201	48T44813F01	MA165TA		
D202	48T44813F01	MA165TA		
D203	48T43189F01	1S1555		
D204	48T44813F01	MA165TA		
D205	48T44813F01	MA165TA		
D206	48T44813F01	MA165TA		
D207	48T44813F01	MA165TA		
D601	48T44813F01	MA165TA		
D602	48T44813F01	MA165TA		
D604	48T44813F01	MA165TA		
D605	48T43189F01	1S1555		
D606	48T43189F01	1S1555		
D609	48T43189F01	1S1555		

Symbol No.	Part No.	Description		
D610	48T43189F01	1S1555		
D612	48S134816	1S1555		
D615	48T44813F01	MA165TA		
D616	48T44813F01	MA165TA		
D617	48T44813F01	MA165TA		
D618	48T44813F01	MA165TA		
D619	48T43189F01	1S1555		
D620	48T43189F01	1S1555		
D621	48T43189F01	1S1555		
D622	48T43189F01	1S1555		
D623	48T44813F01	MA165TA		
D624	48T44813F02	MA165		
D625	48T44813F01	MA165TA		
D626	48T44813F01	MA165TA		
D628	48T44813F01	MA165TA		
D629	48T44813F01	MA165TA		
D635	48T44813F02	MA165		
D801	48C40235G02	10E2		
D802	48C40235G02	10E2		
D803	48C40235G02	10E2		
D805	48T44813F01	MA165TA		
D806	48T44813F01	MA165TA		
ZD204	48T83128F06	Zener, HZS6B3L		
ZD601	48T68697F37	Zener, HZS9.1EB3		
ZD602	48T68697F17	Zener, HZS5.1EB1		
ZD605	48T68697F01	Zener, HZS2.7EB1		
ZD801	48T68697F42	Zener, HZS11EB1		
ZD802	48T83128F06	Zener, HZS6B3L		
ZD803	48T91071F10	Zener, HZS5ALL		
ZD804	48T68697F37	Zener, HZS9.1EB3		
ZD805	48T83128F27	Zener, HZS9C3LL		
ZD806	48T91071F09	Zener, HZS4CLL		
DSP1	48T81909F01	Surge Protector DSP-201M		
Coils/Crystal				
L2	24T70381F17	Coil, Inductor, 4.7 μ H		
L801	24T58149F02	Coil, Inductor, 1.2mH		
X601	48T55073F01	Crystal, 4.5MHz		
Capacitors/Volume Control				
C1	23T43247F10	ELY., 22 μ F/16V		
C2	23T43247F02	ELY., 0.22 μ F/50V		
C3	08S65480F37	CER., 100pF		
C201	23T68328F55	ELY., 4.7 μ F/50V		
C202	23T68328F55	ELY., 4.7 μ F/50V		

Note : For 7279E model only

Symbol No.	Part No.	Description
C203	23T43247F10	ELY., 22 μ F/16V
C204	23T68328F16	ELY., 100 μ F/16V
C207	23T43247F10	ELY., 22 μ F/16V
C208	23T43247F08	ELY., 4.7 μ F/25V
C209	23T43247F08	ELY., 4.7 μ F/25V
C210	08T42629F71	MYL., 0.022 μ F
C211	08S65480F49	CER., 1000pF
C212	08T42629F71	MYL., 0.022 μ F
C213	08S65480F49	CER., 1000pF
C214	08T90316F31	TF., 0.15 μ F
C215	08S65480F43	CER., 330pF
C216	08T90316F31	TF., 0.15 μ F
C217	08S65480F43	CER., 330pF
C218	08S65480F19	CER., 18pF
C219	08S65480F19	CER., 18pF
C220	23T68328F15	ELY., 47 μ F/16V
C221	23T43247F09	ELY., 10 μ F/16V
C222	23T43247F05	ELY., 1 μ F/50V
C223	23T43247F01	ELY., 0.1 μ F/50V
C224	23T43247F05	ELY., 1 μ F/50V
C225	23T43247F01	ELY., 0.1 μ F/50V
C226	23T43247F06	ELY., 2.2 μ F/50V
C227	23T43247F10	ELY., 22 μ F/16V
C228	23T43247F06	ELY., 2.2 μ F/50V
C229	23T43247F10	ELY., 22 μ F/16V
C230	23T43247F09	ELY., 10 μ F/16V
C231	23T73861F09	ELY., 100 μ F/16V
C232	23T43247F09	ELY., 10 μ F/16V
C233	23T43247F09	ELY., 10 μ F/16V
C234	23T43247F08	ELY., 4.7 μ F/25V
C235	08T42629F57	MYL., 1500pF
C236	23T68328F03	ELY., 100 μ F/10V
C237	08T42629F69	MYL., 0.015 μ F
C238	23T68328F16	ELY., 100 μ F/16V
C239	08T90316F31	TF., 0.15 μ F
C240	08T90316F31	TF., 0.15 μ F
C241	08T50579F13	TF., 0.1 μ F
C242	23T68328F22	ELY., 3300 μ F/16V
C243	23T43247F08	ELY., 4.7 μ F/25V
C244	08T42629F57	MYL., 1500pF
C245	23T68328F03	ELY., 100 μ F/10V
C246	08T42629F69	MYL., 0.015 μ F
C247	08T90316F31	TF., 0.15 μ F
C248	08T90316F31	TF., 0.15 μ F
C250	23T68328F16	ELY., 100 μ F/16V
C601	23T68328F15	ELY., 47 μ F/16V
C602	23T43247F08	ELY., 4.7 μ F/25V
C603	23T43247F08	ELY., 4.7 μ F/25V
C604	23T43247F09	ELY., 10 μ F/16V
C605	23T43247F09	ELY., 10 μ F/16V

Symbol No.	Part No.	Description
C606	23T43247F05	ELY., 1 μ F/50V
C608	08T44979P13	CER., 0.068 μ F
C609	08S65480F62	CER., 0.022 μ F
C611	23T41366F40	ELY., (BP) 1 μ F/50V
C612	08S65480F61	CER., 0.01 μ F
C613	23T68328F03	ELY., 100 μ F/10V
C614	08S65480F61	CER., 0.01 μ F
C615	23T43247F09	ELY., 10 μ F/16V
C616	23T43247F09	ELY., 10 μ F/16V
C618	08T42629F28	MYL., 0.082 μ F
C619	23T43247F09	ELY., 10 μ F/16V
C621	08S65480F62	CER., 0.022 μ F
C622	23T82372F10	ELY., (BP) 3.3 μ F/25V
C645	23T68328F15	ELY., 47 μ F/16V
C801	23T68328F19	ELY., 470 μ F/16V
C802	23T68328F52	ELY., 1 μ F/50V
C803	23T68328F04	ELY., 220 μ F/10V
C804	08S65480F62	CER., 0.022 μ F
C805	08T55260F21	CER., 22pF
C806	08T55260F21	CER., 22pF
C807	23T68328F03	ELY., 100 μ F/10V
C808	23T43247F11	ELY., 33 μ F/10V
C809	08S65480F61	CER., 0.01 μ F
VR201, S801	18T94491F08	Volume Control (FADER/BALANCE /POWER)

◆ Front P. C. Board (For 7279E model only)

LEDs

LD401	48T51833F03	BG4524K (GRN)
LD402	48T51833F03	BG4524K (GRN)

Switches

S401	40T70366F01	Tact, KHL10906 (LOUD/R. MONI)
S402	40T70366F01	Tact, KHL10906 (DX)
S403	40T70366F01	Tact, KHL10906 (ST)
S404	40T70366F01	Tact, KHL10906 (BAND)
S405	40T70366F01	Tact, KHL10906 (M1)

Notes : ◆ : Main P. C. Board and Front P. C. Board for 7279E model only, Others : Common.

Symbol No.	Part No.	Description		
S406	40T70366F01	Tact. KHL10906 (M2)		
S407	40T70366F01	Tact. KHL10906 (M3)		
S408	40T70366F01	Tact. KHL10906 (M4)		
S409	40T70366F01	Tact. KHL10906 (M5)		
S410	40T70366F01	Tact. KHL10906 (M6)		
S411	40T70366F01	Tact. KHL10906 (SEEK)		
S412	40T70366F01	Tact. KHL10906 (UP)		
S413	40T70366F01	Tact. KHL10906 (DOWN)		
S414	40T70366F01	Tact. KHL10906 (MEMO)		
Lamps				
PL401	65T80294F05	Pilot, 6V−65mA		
PL402	65T80294F05	Pilot, 6V−65mA		
PL403	65T80294F05	Pilot, 6V−65mA		
PL404	65T95083F01	Pilot, 6.7V−85mA		
Resistors				
R404	06T67581F15	CF., 39k ohm 1/2W		
VR401	18T93886F01	Volume, Slide 100k ohm×2 (TREBLE/BASS)		
GT Control P. C. Board				
IC/Transistor				
IC1501	51T64606F01	TA7705F		
Q1501	48T62967F03	CP., DTC124K		
Diodes				
D1501	48T44813F01	MA165TA		
D1504	48C40235G01	10E2		

Symbol No.	Part No.	Description		
Capacitors				
C1501	08S53332F33	CP., 680pF		
C1502	08S53332F33	CP., 680pF		
C1503	08S53332F33	CP., 680pF		
C1504	08S53332F33	CP., 680pF		
C1505	23S57422F14	ELY., 47 μF/6.3V		
C1506	23S61523F07	ELY., 47 μF/6.3V		
C1507	23S61523F12	ELY., 10 μF/16V		
C1508	08S53332F48	CP., 0.012 μF		
C1509	08S53332F48	CP., 0.012 μF		
C1510	23S61523F17	ELY., 47 μF/25V		
C1511	23T82482F02	ELY., 100 μF/16V		
C1512	23S61523F12	ELY., 10 μF/16V		
C1514	23T82482F02	ELY., 100 μF/16V		
C1515	08S53332F41	CP., 3300pF		
C1516	08S53332F41	CP., 3300pF		
Resistors (All resistors are chip 1/8W±5% unless otherwise noted.)				
R1501	06S53330F32	130 ohm		
R1502	06S53330F32	130 ohm		
R1503	06S53331F14	330k ohm		
R1504	06S53331F14	330k ohm		
R1505	06S53330F81	15k ohm		
R1506	06S53330F81	15k ohm		
R1507	06S53330F79	12k ohm		
R1508	06S53330F79	12k ohm		
R1509	06S53330F89	33k ohm		
R1510	06S53330F94	51k ohm		
R1511	06S53331F02	100k ohm		
R1512	06S53330F89	33k ohm		
R1513	06S53331F01	91k ohm		
R1514	06S53330F85	22k ohm		
R1515	06S53330F29	100 ohm		
R1521	06S81094F09	M.F., 4.7 ohm 1/2W		
R1523	06S53330F85	22k ohm		
R1524	06S53330F53	1k ohm		
R1526	06S53330F89	33k ohm		
R1527	06S53330F29	100 ohm		
R1528	06S64995F85	22k ohm		

Notes : ◆ : Front P. C. Board for 7279E model only, Others : Common.

Symbol No.	Part No.	Description		
		Miscellaneous		
▲	BA801	60T91060F02	Battery, Lit CR2032	
△	BA801	60T91060F02	Battery, Lit CR2032	
◆	BA801	60T91060F03	Battery, Lit CR2032	
▲	E801	01T94841F02	Assy., QRB Connector (Socket)	
◆	E801	01T95067F01	Assy., QRB Connector (Socket)	
△	E801	01T94841F03	Assy., QRB Connector (Socket)	
○	HD1501	88T50977F01	Head, Playback	
●	HD1501	88T50997F01	Head, Playback	
▲	LCD401	65T64497F01	LCD Display	
△	LCD401	65T64497F01	LCD Display	
◆	LCD401	65T94818F01	LCD Display	
○	M1501	01V11700W05	Assy., Motor	
●	M1501	01V81200F64	Assy., Motor	
	S1501	40T52216F01	Switch, Micro	
	S1502	40T63432F01	Switch, Slide	
	S1503	40T71025F03	Switch, Detector	
	S1504	40T71025F01	Switch, Detector	
	SD1501	01T80451F01	Assy., Keep Solenoid	

Symbol No.	Part No.	Description		

Notes : ▲ : For 7279M model only, △ : For 7279L model only, ◆ : For 7279E model only,
● : For GT75B01B model only, ○ : For GT75B01C model only, Others : Common.

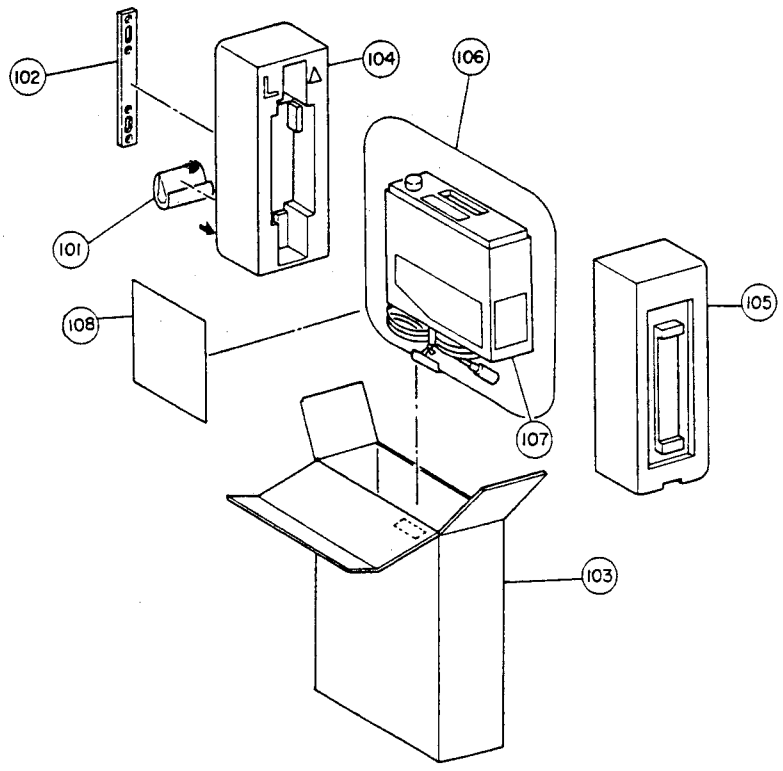
Packing Assembly Parts List

	Symbol No.	Part No.	Description		
	101	01V94600F03	Assy., Kit Installation		
	101-1	02B47353F01	Nut, Hex (M5)		
	101-2	03B44963F03	Bolt, Hex W/Washer (M5 × 10)		
	101-3	03S63857F05	Screw, Tapping (M5 × 15)		
	101-4	03S52360F37	Screw, Countersunk (M4 × 8)		
	101-5	45A41684U01	Arm, Adapter		
	101-6	46A42363F01	Stud, Bolt		
	101-7	65A40348G01	Fuse, 5A (For ACC Line)		
	101-8	03A40155F01	Bolt, Hex (M5 × 8)		
	101-9	03A84814F04	Screw, Bind (M2.6 × 18)		
	101-10	43A58272F03	Spacer		
	102	07B64552F01	Bracket, Strap Receiver		
△	103	56S96421F21	Carton, Packing (Individual)		
◆	103	56S96421F37	Carton, Packing (Individual)		
▲	103	56S96421F22	Carton, Packing (Individual)		

	Symbol No.	Part No.	Description		
	104	56D82187F01	Tray, Packing (L)		
	105	56D82187F02	Tray, Packing (R)		
	106	56B40990T36	Sack, Polyethylene		
▲	107	01V11400W80	Assy., Mother Case		
△	107	01V11400W81	Assy., Mother Case		
◆	107	01V11400W58	Assy., Mother Case		
	107-1	15D94518F01	Case, Mother		
	107-2	03S44205G33	Screw, Pan (M2.6 × 8)		
	107-3	03S44205G07	Screw, Pan (M2.6 × 5)		
	107-4	01T94840F09	Assy., QRB Connector (PLUG) (With 5A Fuse for ACC Line)		
▲	108	68P93881F69	Owner's Manual		
△	108	68P93881F68	Owner's Manual		
◆	108	68P93881F77	Owner's Manual		

Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

Packing Method View



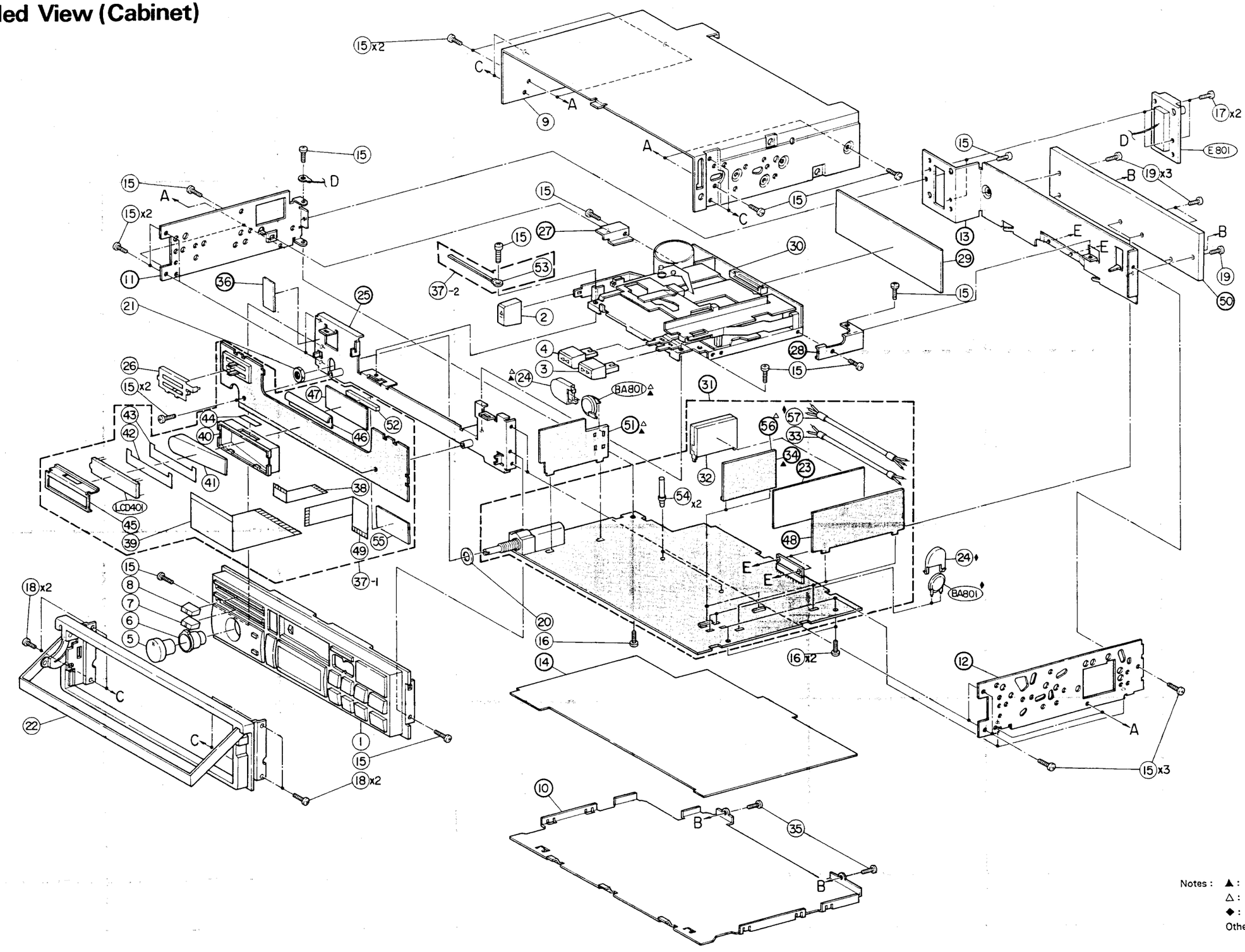
Cabinet Assembly Parts List

NOTE : The parts without part numbers are not supplied.

Symbol No.		Index	Part No.	Description
▲	1	5-C	13D10197W02	Assy., Nosepiece
△	1	5-C	13D10197W01	Assy., Nosepiece
◆	1	5-C	13D10197W03	Assy., Nosepiece
	2	2-D	36B94059F01	Knob, Eject
	3	3-D	36B94060F01	Knob, FF
	4	2-D	36B94061F01	Knob, REW
	5	4-B	36A94114F01	Knob, Control (Front)
	6	4-B	36A94115F01	Knob, Control (Rear)
	7	4-B	36A94418F01	Knob, Slide
	8	4-B	36A94418F02	Knob, Slide (B)
	9	1-D	15C94345F02	Cover, Top
	15		03S44205G07	Screw, Pan (M2.6 × 5)
	16		03S44205G48	Screw, Pan (M2.6 × 5)
▲	17	1-H	03S44205G29	Screw, Pan (M2.6 × 6)
△	17	1-H	03S44205G29	Screw, Pan (M2.6 × 6)
◆	17	1-H	03S44205G33	Screw, Pan (M2.6 × 8)
	18		03S44205G34	Screw, Pan (M2.6 × 5)
	19		03S82672F09	Screw, Bind (M2.6 × 10)
	20	4-D	04A43020G05	Washer Flat (M9.2)
▲	21	2-B	02S40000G20	Hex. Nut (M9)
△	21	2-B	02S40000G20	Hex. Nut (M9)
	22	5-A	07C10065W01	Assy., Handle Bracket
	24		15A84078F01	Case, Battery
	26	3-B	07A96021F01	Bracket, Shield (Volume)
▲	30	2-D	81D80483F08	Deck, Cassette (GT75B01B) (Before S/No. 80511500)
▲	30	2-D	81D80483F09	Deck, Cassette (GT75B01C) (After S/No. 80511501 – A)
△	30	2-D	81D80483F08	Deck, Cassette (GT75B01B) (Before S/No. 80510123)
△	30	2-D	81D80483F09	Deck, Cassette (GT75B01C) (After S/No. 80510124 – A)
◆	30	2-D	81D80483F09	Deck, Cassette (GT75B01C)
▲	32	3-E	77T94489F01	FM Tuner Unit (FE1) TFFE2U143A
△	32	3-E	77T94489F01	FM Tuner Unit (FE1) TFFE2U143A
◆	32	3-E	77T74537F03	FM Tuner Unit (FE1) TFFE2U137A
◆	33	3-E	01T90529F01	Assy., Shield Wire
△	33	3-E	01T94494F01	Assy., Shield Wire
▲	33	3-E	01T94494F01	Assy., Shield Wire
	35	5-E	03S71677F10	Screw, Pan (M2.6 × 5)
▲	37	4-C	01V93900F74	Assy., Front P.C. Board
◆	37	4-C	01V94400F39	Assy., Front P. C. Board
△	37	4-C	01V93900F74	Assy., Front P.C. Board
	38	3-C	01T94498F01	Wire, Parallel (8P)
	39	4-B	01T94498F02	Wire, Parallel (33P)
	40	3-B	15B94066F01	Case, LCD
	41	3-B	61A94067F01	Lens, LCD
	42	3-B	26A94068F01	Reflector, Sheet
	43	3-B	26A94068F02	Reflector, Sheet
	44	3-B	26A83087F08	Reflector, Door
	45	3-B	07A94069F01	Bracket, Shield
	46	3-C	14S81482F88	Insulator, Cover
	47	3-C	14S81482F89	Insulator, Cover
▲	49	4-C	30T82417F01	Flat Cable (12P)
◆	49	4-C	01T95071F01	Assy., Card Wire (12P)
△	49	4-C	30T82417F01	Flat Cable (12P)
	52	3-C	75S92415F72	Cushion, Rubber
	53	4-C	01T95113F01	Lug, Wire
	54	3-E	09T84840F01	Lug, Style 18mm
	55	4-C	14A10323W01	Insulator, Shield
◆	57	3-E	01V95068F01	Assy., Connector (3P – 3P)

Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

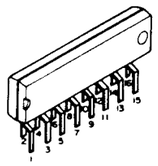
Exploded View (Cabinet)

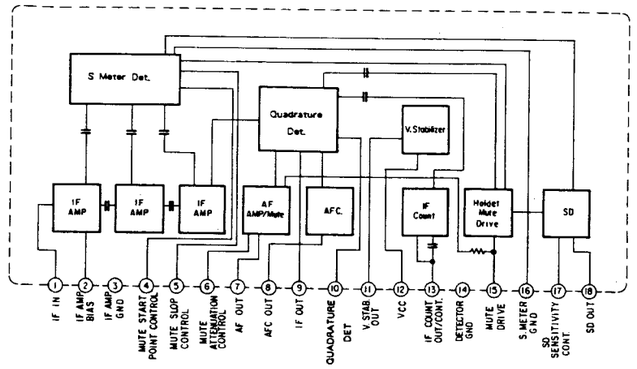


Notes : ▲ : For 7279M model only
△ : For 7279L model only
◆ : For 7279E model only
Others : Common

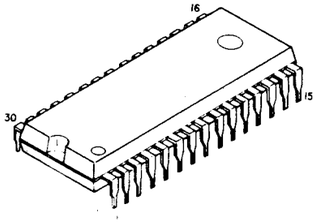
Semi-Conductor Lead Identifications

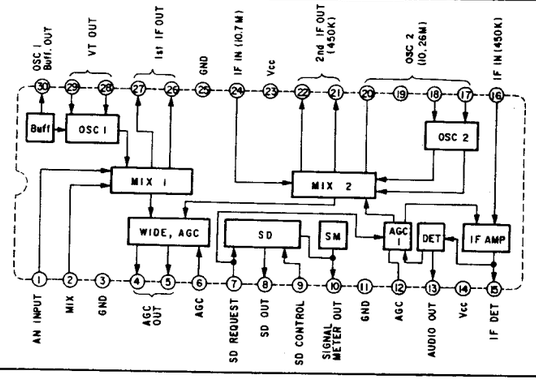
◆ LA1145 : IC1
▲△ LA1145 : IC2



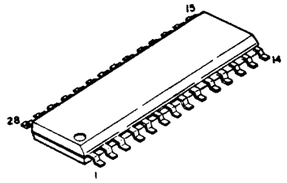


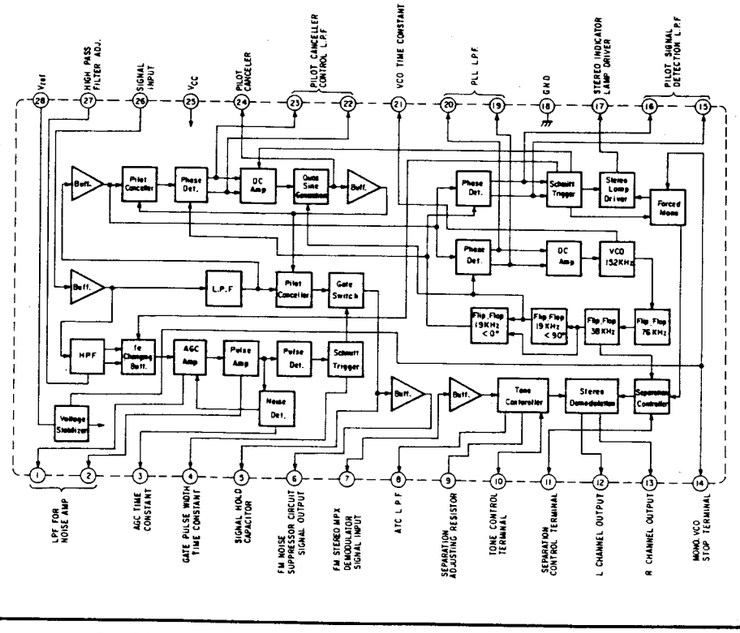
▲△ μ PC1322CA : IC1





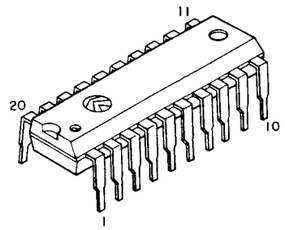
▲△ AN7465S : IC3
◆ AN7465S : IC2

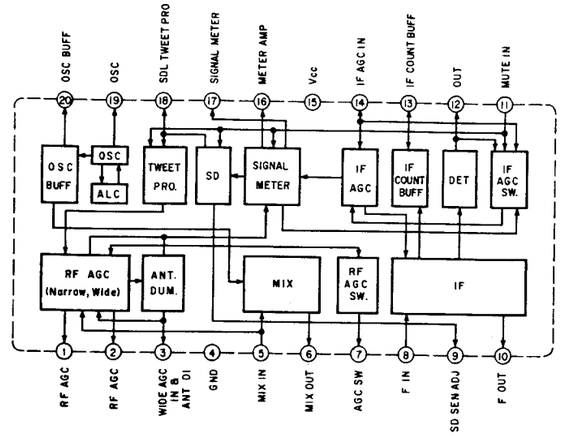




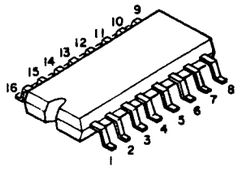
Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

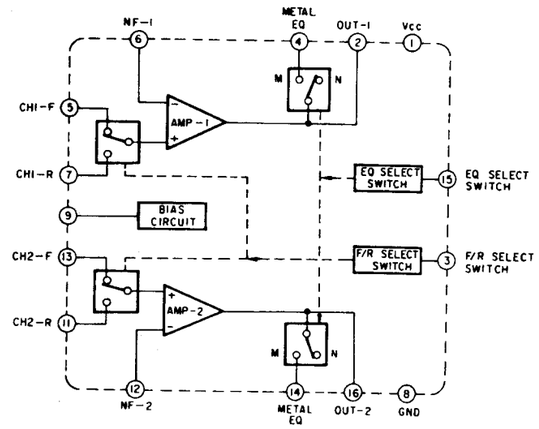
◆ LA1137 : IC3



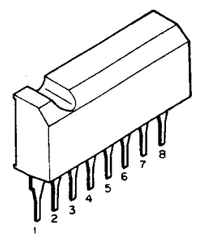


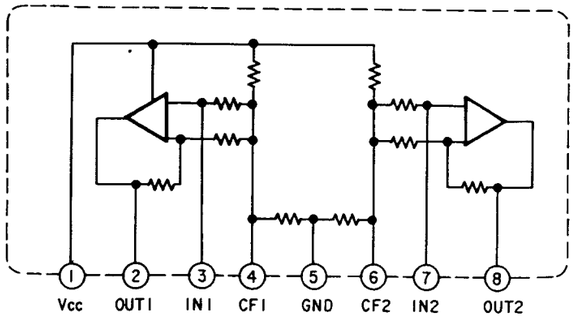
TA7705F : IC1501 (GT75B01B)





◆ BA3114 : IC201

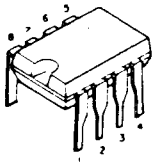


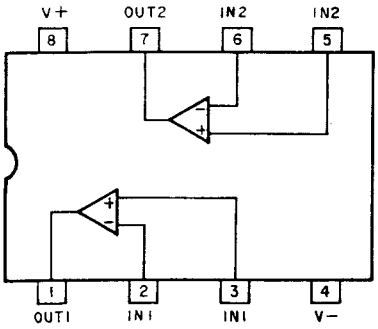


Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

◆ μ PC4558C : IC202, 203

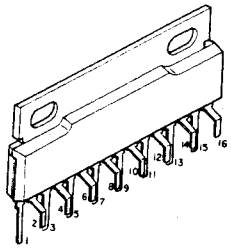
▲△ μ PC4558C : IC301

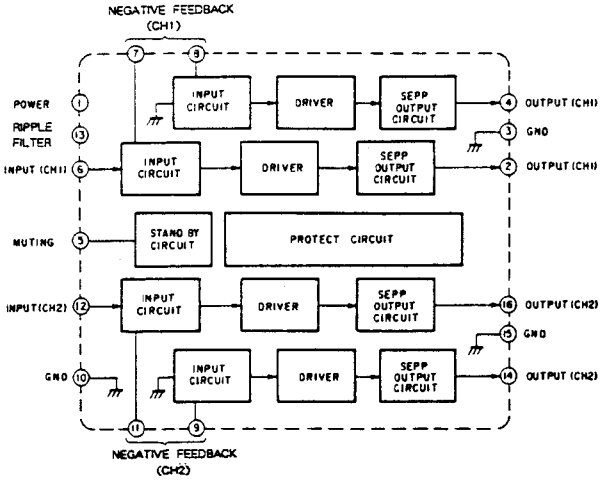




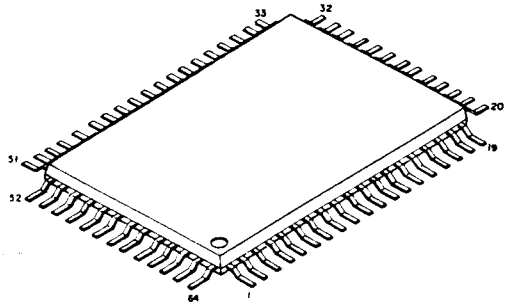
◆ AN7171K : IC204

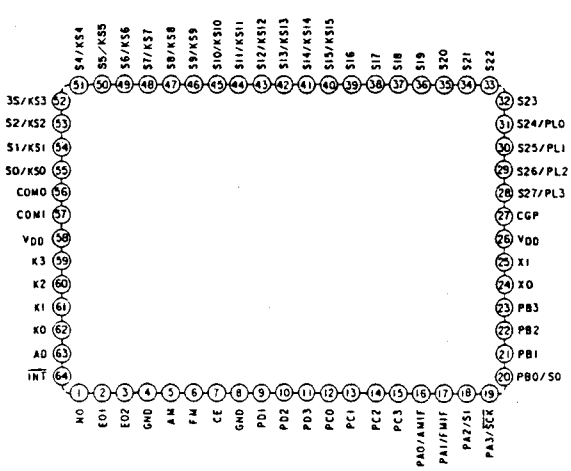
▲△ AN7171K : IC303



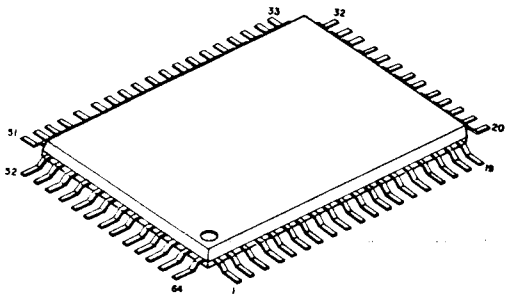


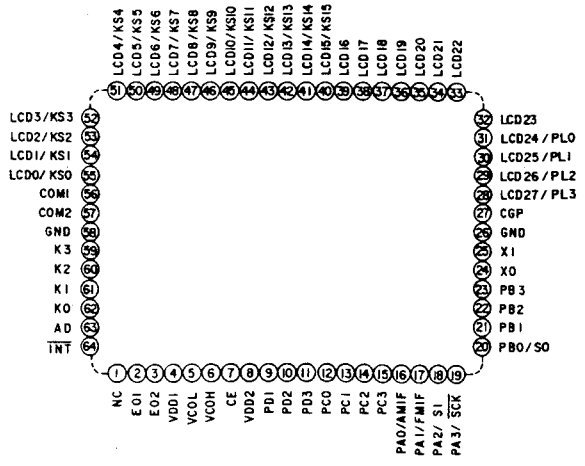
◆92808F01 : IC601





▲△93836F01 : IC601

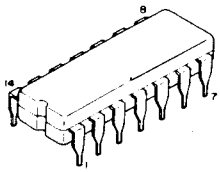


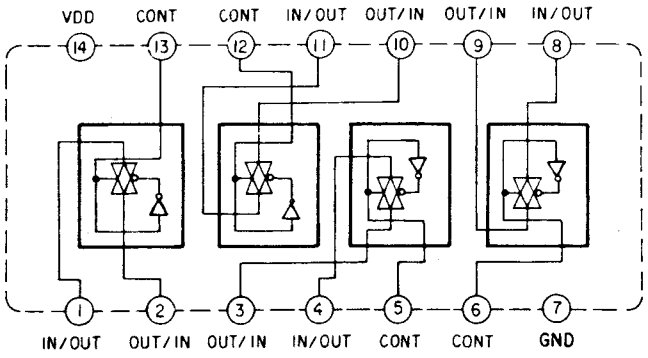


Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

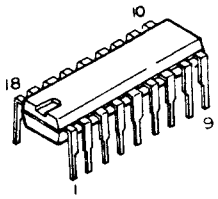
TC4066BP : IC602, 603

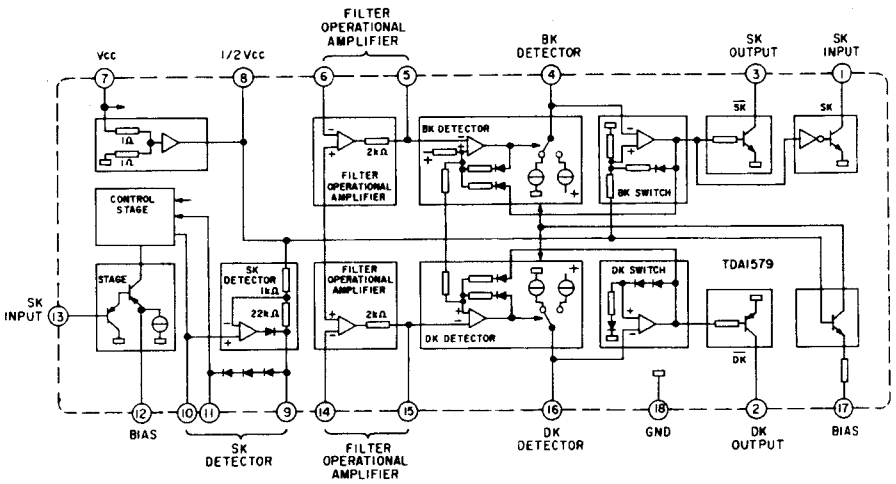
▲ TC4066BP : IC606



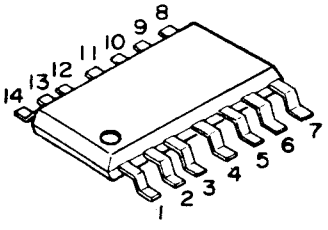


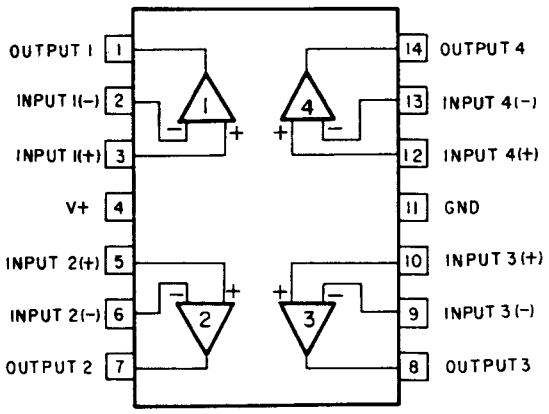
▲ TDA1579 : IC604





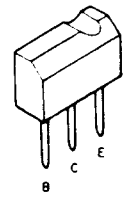
▲ NJM2902M
▲ NJM2902N
: IC605

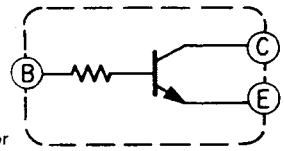




Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : FOr 7279E model only, Others : Common.

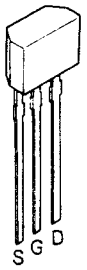
◆DTC114T : Q1, 602, 603





E : Emitter
C : Collector
B : Base

▲△ 2SK715 : Q1
◆ 2SK715 : Q6

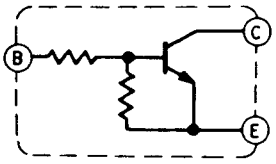


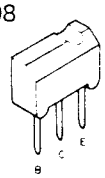
S : Source
G : Gate
D : Drain

◆ 2SC1815 : Q4, 5
▲△ 2SC1815 : Q2, 657
▲ 2SC1815 : Q651, 653, 654, Q655, 656, 657, 659
▲ 2SA1015 : Q652

B : Base
C : Collector
E : Emitter

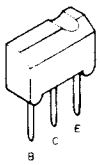
△ DTC124 : Q657, 658
DTC124 : Q3
◆ DTC124 : Q2, 8, 601, 608, 609, 610, Q611, 803, 806, 808
▲△ DTC124 : Q6, 106, 603, 633
◆ DTC114 : Q204, 205
▲△ DTC114 : Q303, 305

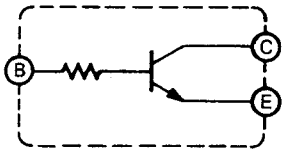




E : Emitter
C : Collector
B : Base

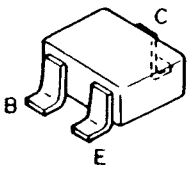
▲△ UN1215 : Q5, 660, 805, 806
▲ UN1215 : Q604

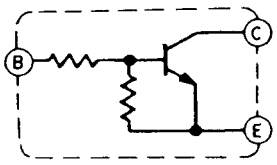




B : Base
C : Collector
E : Emitter

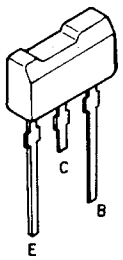
DTC124K : Q1501 (GT75B01C)
(GT75B01B)

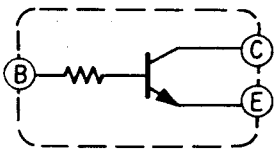




B : Base
C : Collector
E : Emitter

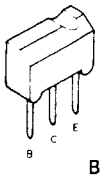
▲△ DTC343TL : Q103, 104
◆ DTC363TL : Q206, 207, 208, 209





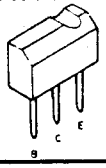
B : Base
C : Collector
E : Emitter

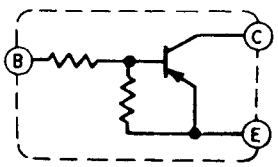
▲ 2SD636 : Q658
▲△ 2SD636 : Q4, 301, 302, 801
◆ 2SD636 : Q802
▲△ 2SD1330 : Q304, 306, 311, 312
▲ 2SD1330 : Q309, 310
▲△ 2SD661 : Q601, 602
◆ 2SD661 : Q606, 607
◆ 2SD973A : Q801, 805
▲△ 2SD973A : Q802
▲△ 2SD638 : Q803, 804
▲◆ 2SD638 : Q807
◆ 2SB641 : Q804



B : Base
C : Collector
E : Emitter

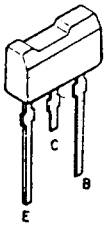
◆ DTA114 : Q613
◆ DTA124 : Q612
▲△ DTA114 : Q631

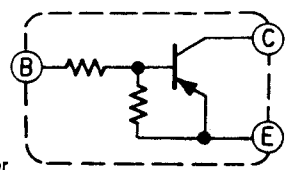




B : Base
C : Collector
E : Emitter

▲△ DTA124EL : Q632





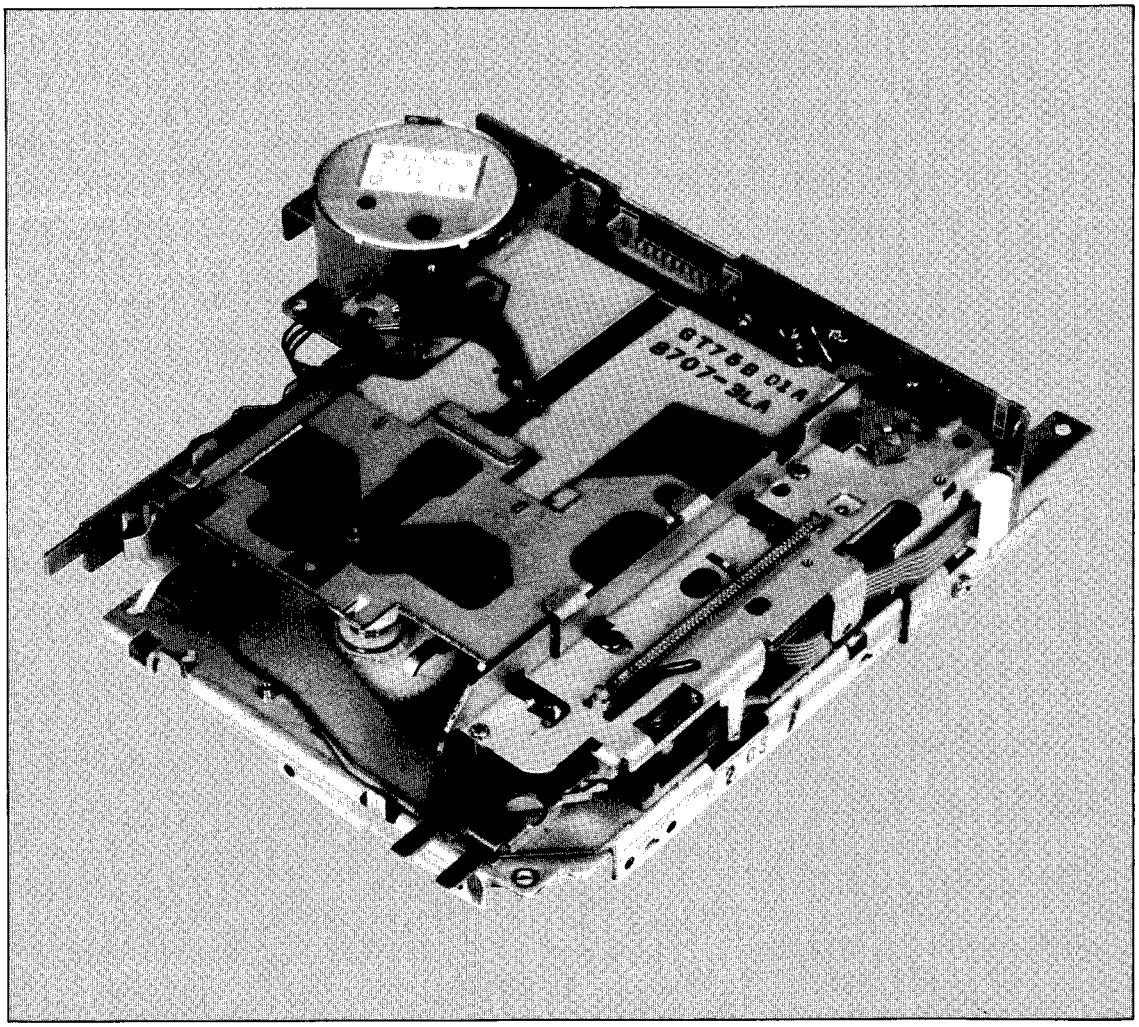
B : Base
C : Collector
E : Emitter

Notes : ▲ : For 7279M model only, △ : For 7279L model only,
◆ : For 7279E model only, Others : Common.

ALPINE SERVICE MANUAL

Exploded View & Parts List For Cassette Deck Mechanism

ADDENDUM & REVISED (III)



GT SERIES

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Parts List (3/3) ..... 15 to 16
Exploded View (3/3) ..... 17 to 18

Replacement of Mechanical Parts

1. Replacement of Belt

(1) Remove two screws marked " ● " and " ◎ " as shown in Figure 1 and remove the flywheel mounting bracket.
(2) Remove one screw " ○ " and motor pulley cover as shown in Figure 1.
(3) Clean a good belt with alcohol and thread the belt as shown in Figure 2. Assembly the unit, performing above steps in reverse order.
(4) Confirm the tape speed and wow/flutter with the test tape (MTT-111).

2. Replacement of Motor

(1) Remove two screws marked " △ " as shown in Figure 1.
(2) Remove two belts (A) and (B) as shown in Figure 2.
(3) Remove wire leads from the motor terminal and the motor will be removed.

3. Replacement of Flywheel

(1) Remove the flywheel mounting bracket and the belt (A) as shown in Figure 2.
(2) Remove the flywheel by moving it straight up.
(3) Mount a good flywheel. (In this case also insert the flywheel washer and apply a drop of " mobile 1 " oil.)
(4) Mount the belt and the flywheel mounting bracket.
(5) After assembling, confirm the tape speed and wow-flutter, using a test tape (MTT-111).

Notes :

1. Take care the belt is not stained with oil.
2. When tightening screws for the flywheel bracket, apply tightening torque of 4.5kg•cm (marked " ◎ ") and 2.5kg • cm (marked " ● ").
   (GT75B Series model only)
   When tightening screws for the flywheel bracket, apply tightening torque of 6kg • cm (marked " ◎ ") and 2.3kg • cm (marked " ● ")
   (On GT75L01O / GT75L11O / GT75L22O / GT75L02O / GT75L02N / GT75L12O / GT75L12N models only)

4. Replacement of Reels

(1) Remove two flywheels.
(2) Remove two lock washers as shown in Figure 3 and the two reels will be removed.
(3) Replace with good reels and assembly them using above steps in reverse order.
(4) After assembling, confirm the tape speed and wow-flutter using a test tape (MTT-111).

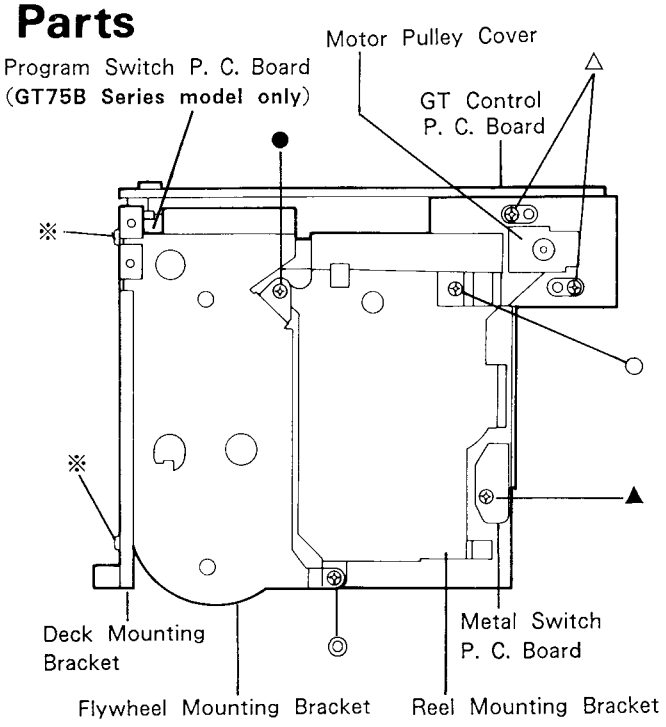


Figure 1

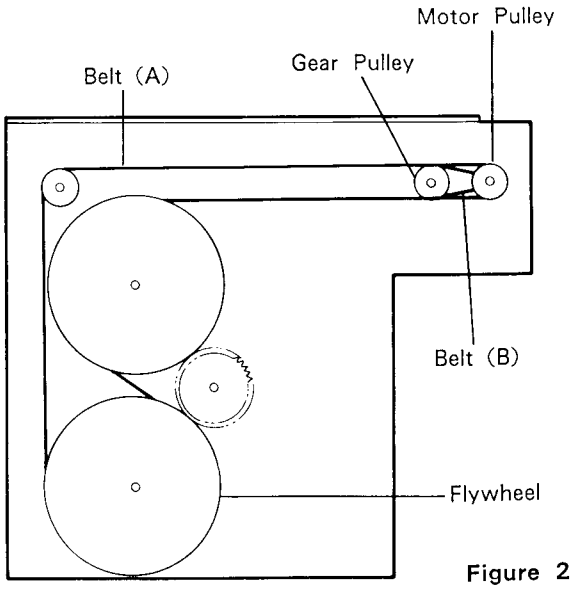


Figure 2

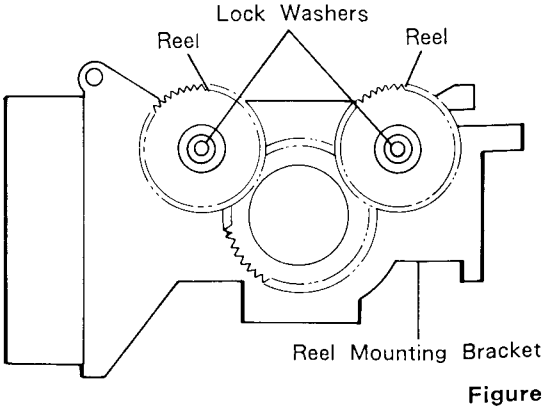


Figure 3

5. Replacement of Head

(1) Remove two screws marked "※" as shown in Figure 1.
(2) Remove two screws marked "■" as shown in Figure 8.
(3) Remove two screws marked "◩" and the head flexible P. C. Board can be removed as shown in Figure 4. Then remove the P. C. Board.
(4) Replace with a good head and assembly them using above steps in reverse order.
(5) After assembling, adjust the head azimuth using the test tape (MTT-114NB). Apply the screw-lock paint on the adjusting screws.

Note : Since the flexible P. C. Board is apt to be damaged, handle it with sufficient care.

Perform the head height adjustment.

(6) Place the height adjustment gauge (M-300 or AT-500) on the head base as shown in Figures 5, 6 and 7, and adjust the gauge height so that the check bar can enter the tape head guide smoothly.
(7) When the check bar touches top or bottom guide of the tape guide, insert a spacer (of 0.1mm thickness or a polyslider washer of 0.13mm in thickness). (Or remove the spacer to adjust the height).

Note : As shown in Figure 6, if the height gauge is not available, run a tape as usual and adjust the height (head and small guide window) so that no tape curling is observed.

6. Replacement fo Pinch Rollers

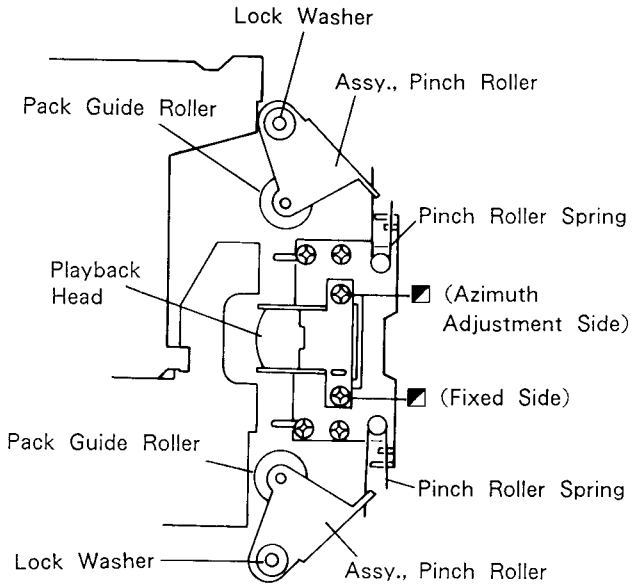
(1) Remove RF Frame Bracket.
(2) Remove two lock washers and two pinch roller springs and the pinch rollers can be removed as shown in Figure 4.
(3) Replace with good pinch rollers and clean them with alchol and assembly it using above steps in reverse order.
(4) After assembling, confirm the tape speed and wow-flutter with the test tape (MTT-111).

7. Replacement of Metal Switch P. C. Board

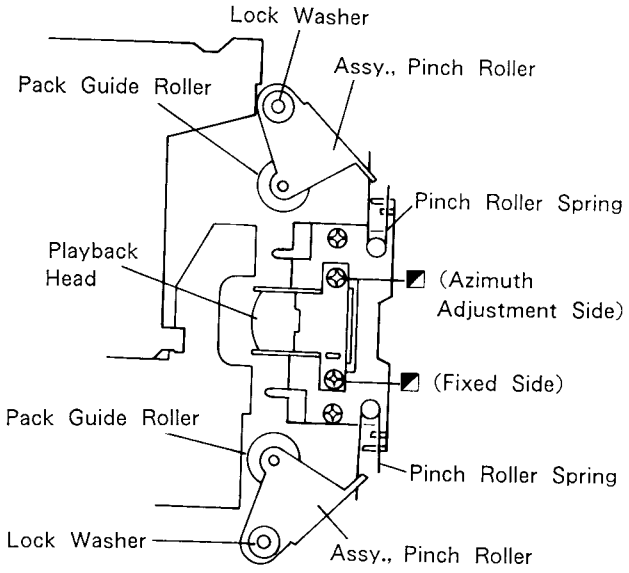
(1) Remove a screw marked "▲" in Figure 1.

Note : Since the wire parallel is apt to be damaged, handle it with sufficient care.

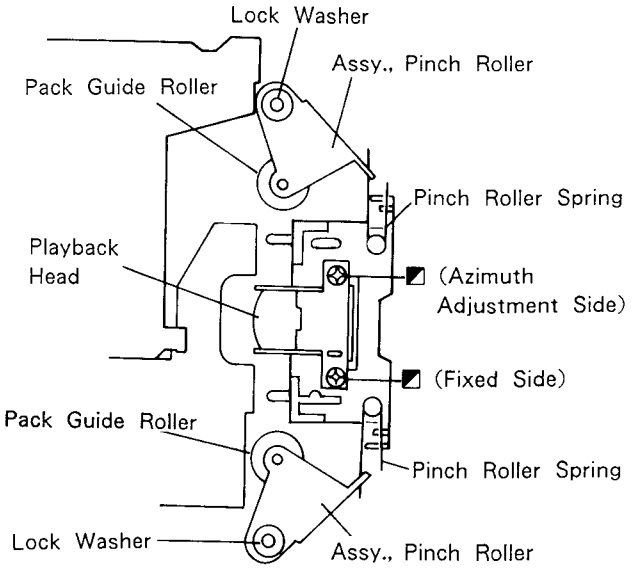
(2) Replace the board with a good one and assembly the board using above steps in reverse order.



(GT75B Series model only) **Figure 4**



(GT75L01O/GT75L11O models only) **Figure 4**



(GT75L22O model only) **Figure 4**

8. Replacement of GT Control P. C. Board and Program Switch P. C. Board

(GT75B Series model only)

(1) Remove solders as shown in Figure 9.
(2) Remove two screws marked " □ " as shown in Figure 9.
(3) Remove all connectors and wire leads from the P. C. Boards.
(4) After replacing with good ones, assemble them using disassembly instructions in reverse order.

Replacement of GT Control P. C. Board

(On GT75L01O / GT75L11O / GT75L22O models only)

(1) Remove solders as shown in Figure 9.
(2) Remove two screws marked " □ " as shown in Figure 9.
(3) Remove all connectors and wire leads from the P. C. Boards.
(4) After replacing with a good one, assemble the board using disassembly instructions in reverse order.

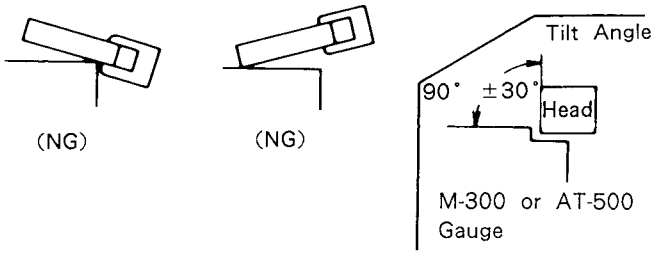


Figure 5

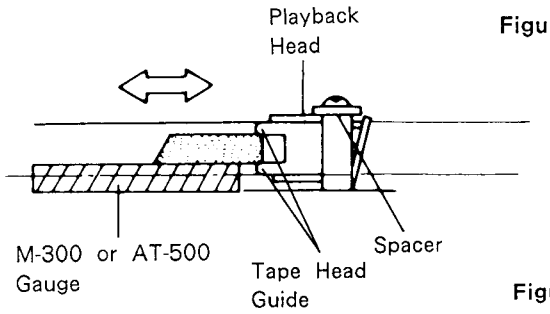
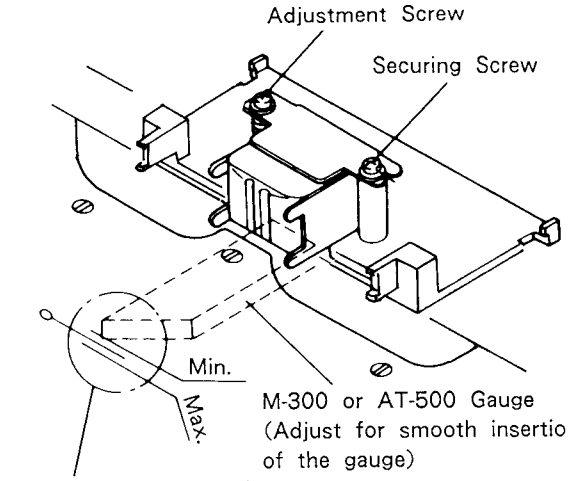
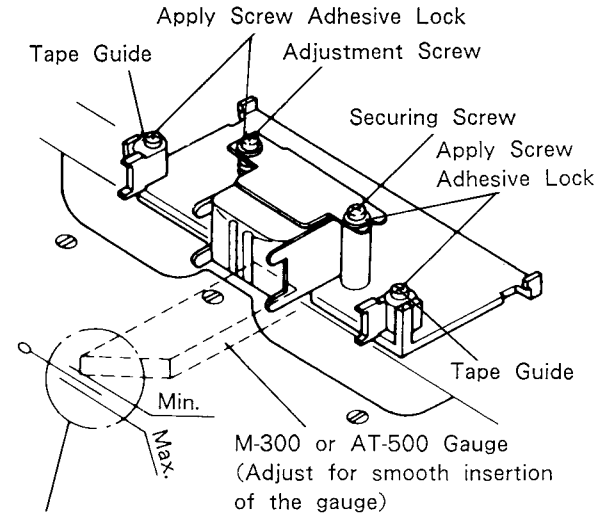


Figure 6



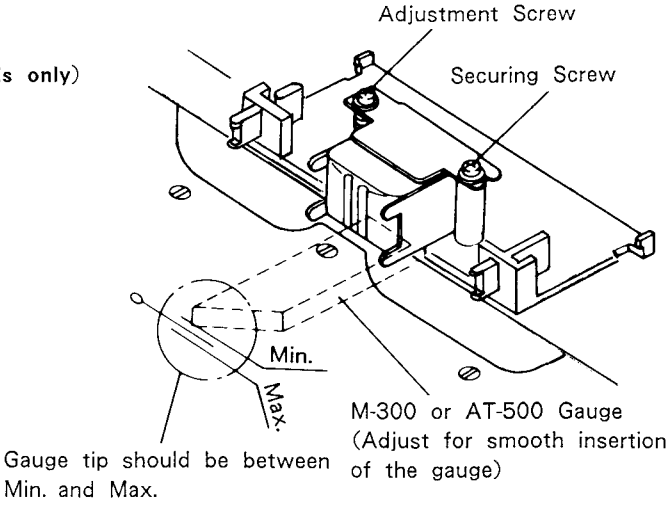
(GT75L01O/GT75L11O models only)

Figure 7



(GT75B Series model only)

Figure 7



(GT75L22O model only)

9. Replacement of Mute Switch P. C. Board

(GT75B Series model only)

(1) Remove one screw marked "★" as shown in Figure 8.

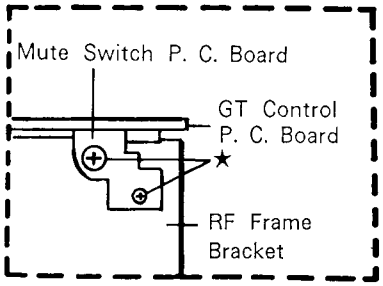
(2) After replacing with a good one, assemble the P. C. Board using disassembly instructions in reverse order.

(On GT75B11A／GT75B11C／GT75B11D models only)

(1) Remove two screws marked "★" as shown in Figure A .

(2) After replacing with a good one, assemble the P. C. Boards using above steps in reverse order.

Figure Ⓐ
(GT75B11A／GT75B11C／GT75B11D models only)



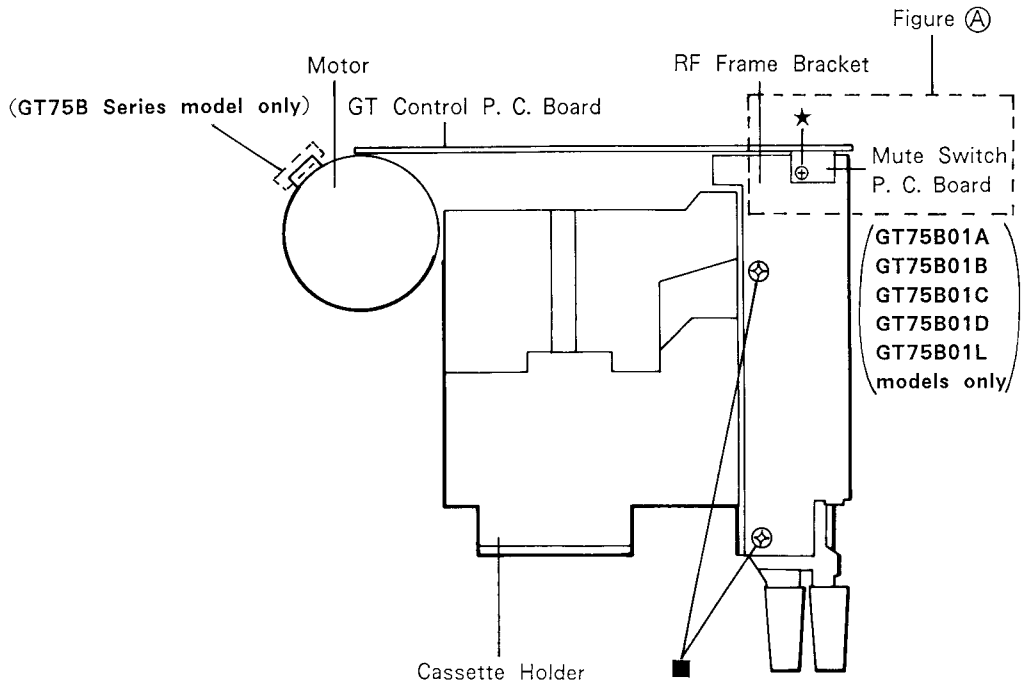
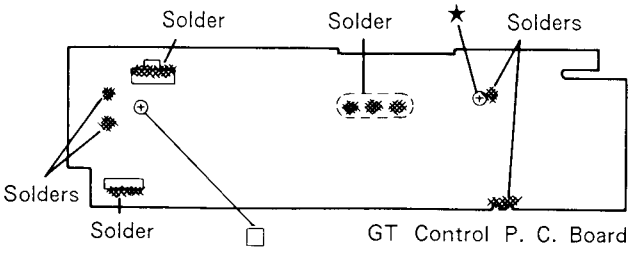
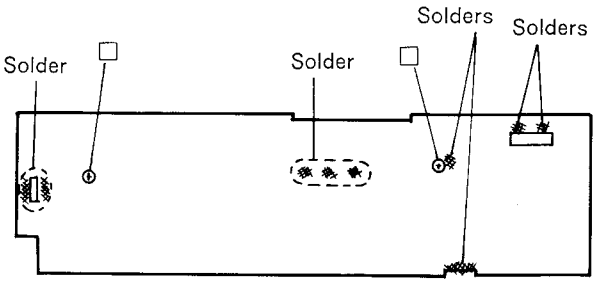


Figure 8



(GT75B Series model only)

Figure 9



(GT75L01O／GT75L11O／GT75L22O models only)

Figure 9

Parts List (1/3)

○ : For GT75B01A model only, ● : For GT75B01B model only,
□ : For GT75B11A model only, ■ : For GT75B11C model only, Others : Common.

Symbol No.	Index	Part No.	Description
201	5-C	43A63281F01	Roller, Plate Base
202	5-C	43A63282F01	Roller, Eject Arm
203	5-C	43A80430F01	Roller, Eject Arm (B)
204	5-B	41A80448F01	Spring, Turn Eject
205	5-C	41B80444F04	Spring
206	3-C	04A41345P15	Washer, Lock (M1.2)
207		04A41345P02	Washer, Lock (M1.7)
208	3-A	01A82275F03	Assy., Riv. Plate Base
209	4-B	45B82846F01	Slider
210	4-B	47A63278F01	Shaft, Slider
211	5-B	01A80457F01	Assy., Riv. Eject Arm
213	5-C	01A80983F01	Assy., Riv. Eject Lever
214	4-B	01A63494F01	Assy., Riv. Cassette Holder
216	4-E	01A80461F01	Assy., Riv. Reverse Frame
217	3-E	44B80378F01	Gear, Change
218	3-E	45A80366F01	Lever, Reverse Lock
219	3-E	45A80367F01	Lever, Reverse Act
220	3-E	41B80444F02	Spring
221	3-E	41B80444F03	Spring
222		04A41345P01	Washer, Lock (M1.2)
224		43A80431F01	Roller, Sub Head Base
225	2-C	41B80444F01	Spring
226	2-C	01A80454F01	Assy., Riv. Head Base Act
227	3-D	01A80458F01	Assy., Riv. RF Arm
228	4-B	07B80356F01	Bracket, RF Frame
231	3-B	01A84687F01	Assy., Riv. RF Link
232	3-A	45A80361F01	Lever, Mute
□ 233	2-C	84A84245F01	Mute Switch P. C. Board
■ 233	2-C	84A84245F01	Mute Switch P. C. Board
○ 233	2-D	84A82645F01	Mute Switch P. C. Board
● 233	2-D	84A82645F01	Mute Switch P. C. Board
234	3-C	41A80446F01	Spring, RF Lever
235	4-B	41B80444F06	Spring
236		03S56479F04	Screw, Pan (M2 × 7)
237	3-A	01A80459F01	Assy., Riv. Program Push Lever
238	3-C	43A80427F01	Roller, Head Base (C)
239		03S56479F07	Screw, Countersunk (M2.6 × 3)
241	2-A	84T80469F01	Head P. C. Board
242	3-B	07B80396F01	Frame, Head
243	2-B	47A80493F01	Shaft, Head Frame
244	2-B	43A80492F01	Roller, Head Frame
245		43B63198F01	Tape, Guide
246		43A80428F01	Roller, Head
247	3-B	41A63286F03	Spring, Pinch Roller
248	2-B	41A63286F04	Spring, Pinch Roller
249		41A63290F01	Spring, Tape Guide
250		41A80445F01	Spring, Head
251		03S40019G03	Screw, F-Locks (M2 × 4)
252	3-F	45A80386F01	Lever, Swing
253		49A64626F01	Reel, Ring
254		49A64627F01	Reel, Cap
255		41A64628F01	Spring, Reel
256	4-G	41A80450F01	Spring, Reel Clutch
257	4-F	03A80490F01	Screw, Flat (M1.7 × 1.5)
258	3-F	04S40075G23	Washer, Polyslider (M5.2)
259	4-G	01A80462F01	Assy., Riv. Bracket Reel
260	3-F	01A80463F01	Assy., Riv. Sub Reel
261	4-E	44A80392F01	Gear, Clutch
262	4-F	45A80393F01	Lever, Clutch
263	4-F	43A80394F01	Bush, Clutch
264	4-F	41A80395F01	Spring, Clutch
265	4-G	01V81200F63	Assy., Flywheel Bracket
266	2-B	45A80364F01	Lever, RF Lock
267	2-B	41B80444F05	Spring
268	2-B	01A80460F01	Assy., Riv. Play Solenoid

NOTE : The parts without part numbers are not supplied.

○ : For GT75B01A model only, ● : For GT75B01B model only, □ : For GT75B11A model only,
■ : For GT75B11C model only, Others : Common.

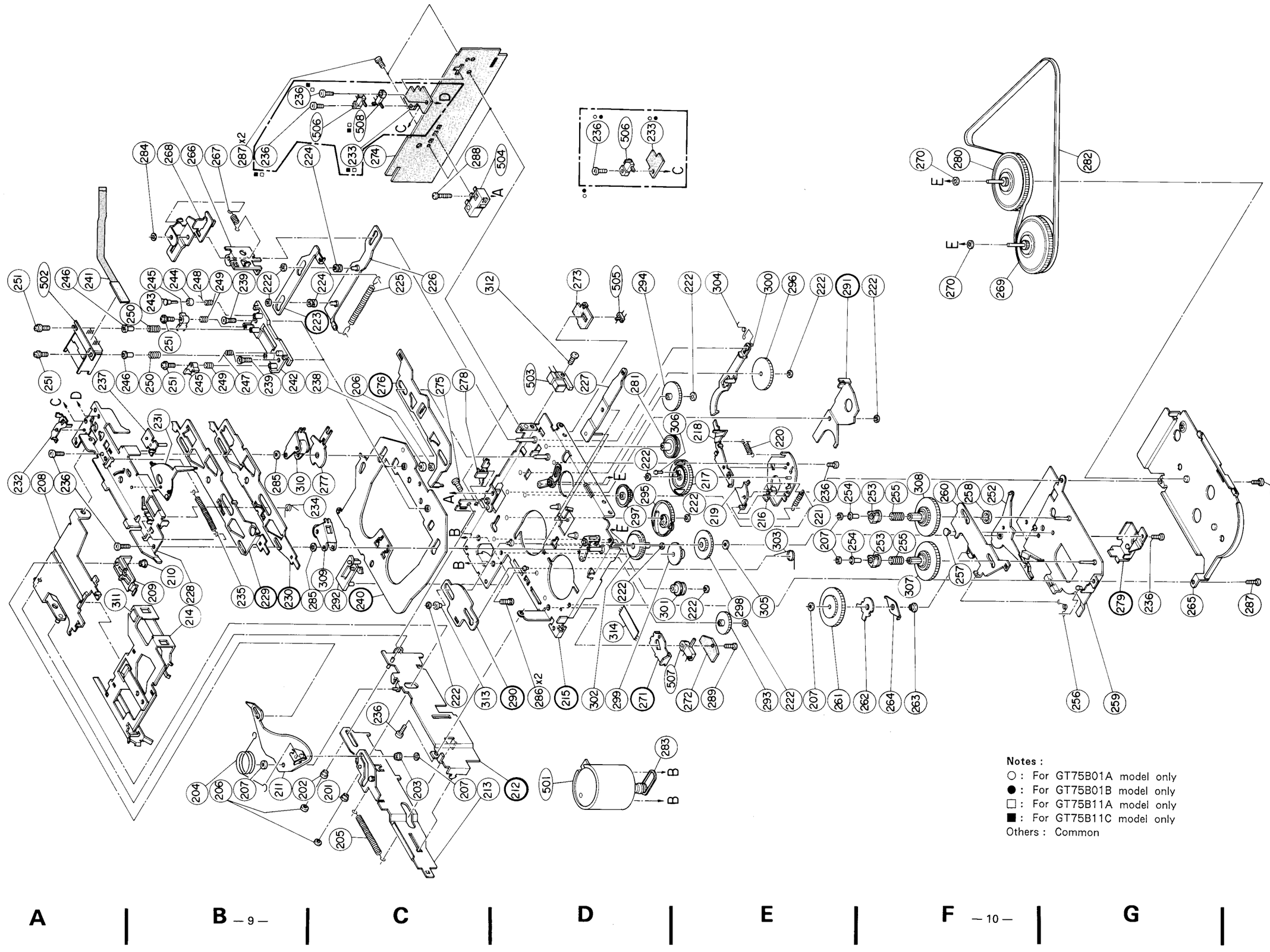
Symbol No.	Index	Part No.	Description
269	2-F	01T63210F05	Assy., Flywheel
270		04S40075G05	Washer, Polyslider (M2.1)
272	4-E	84A82646F01	Metal Switch P. C. Board
273	2-D	84A80432F01	Program Switch P. C. Board
□ 274	2-C	01V84300F56	Assy., GT Control P. C. Board
○ 274	2-C	01V81800F72	Assy., GT Control P. C. Board
● 274	2-C	01V91700F39	Assy., GT Control P. C. Board
■ 274	2-C	01V93300F91	Assy., GT Control P. C. Board
275	3-C	03S44205G42	Screw, Pan (M2.6 × 4)
277	3-C	45A80373F01	Lever, Program
278	3-C	45A80375F01	Lever, Switch
280	2-F	01T63210F06	Assy., Flywheel
281	3-D	49A83022F01	Pully, Idler
282	2-G	42A40969F01	Belt
283	5-D	42A80397F01	Belt
284	2-B	04A41345P14	Washer, Lock (M2.1)
285		04A41345P25	Washer, Lock (M3.1)
286	4-D	03D40014G12	Screw, W/Washer (M2.6 × 4)
287		03S44205G07	Screw, Pan (M2.6 × 5)
288	2-C	03S68259F06	Screw, Bind (M2.3 × 8)
289	4-E	03S68259F03	Screw, Pan (M2 × 7)
292	4-C	45A80387F01	Lever, Reel Brake
293	4-E	44A63196F01	Gear, Take Up
294	2-D	44A80382F01	Gear, Take Up
295	3-D	44B80379F01	Gear, Pause
296	2-E	44A80380F01	Gear, Reverse Act
297	4-D	44A80381F01	Gear, Reverse Idler
298	4-E	44A80383F01	Gear, Pause Idler
299	4-D	44A80385F01	Gear, Motor Idler
300	2-E	45B80388F01	Lever, Trigger
301	4-D	44A80384F01	Gear, Pulley
302	4-D	44A63197F01	Gear, RF Idler
303	4-E	41A80447F01	Spring, Pack
304	2-E	41A80449F01	Spring, Program Trigger
305	4-E	04A41345P04	Washer, Lock (M2.6)
306	3-E	47A80423F01	Shaft, Change Gear
307	4-F	01T80390F01	Assy., Reel
308	3-F	01T80390F02	Assy., Reel
309	4-C	01T80433F01	Assy., Pinch Roller
310	3-B	01T80433F02	Assy., Pinch Roller
311	4-A	43A90918F01	Spacer, Polyslider
312	2-D	03S68259F09	Screw, Pan (M2 × 6)
313	4-C	43A90769F01	Roller, Eject Com
314	4-D	30T84002F01	Wire, Parallel 2P

Miscellaneous

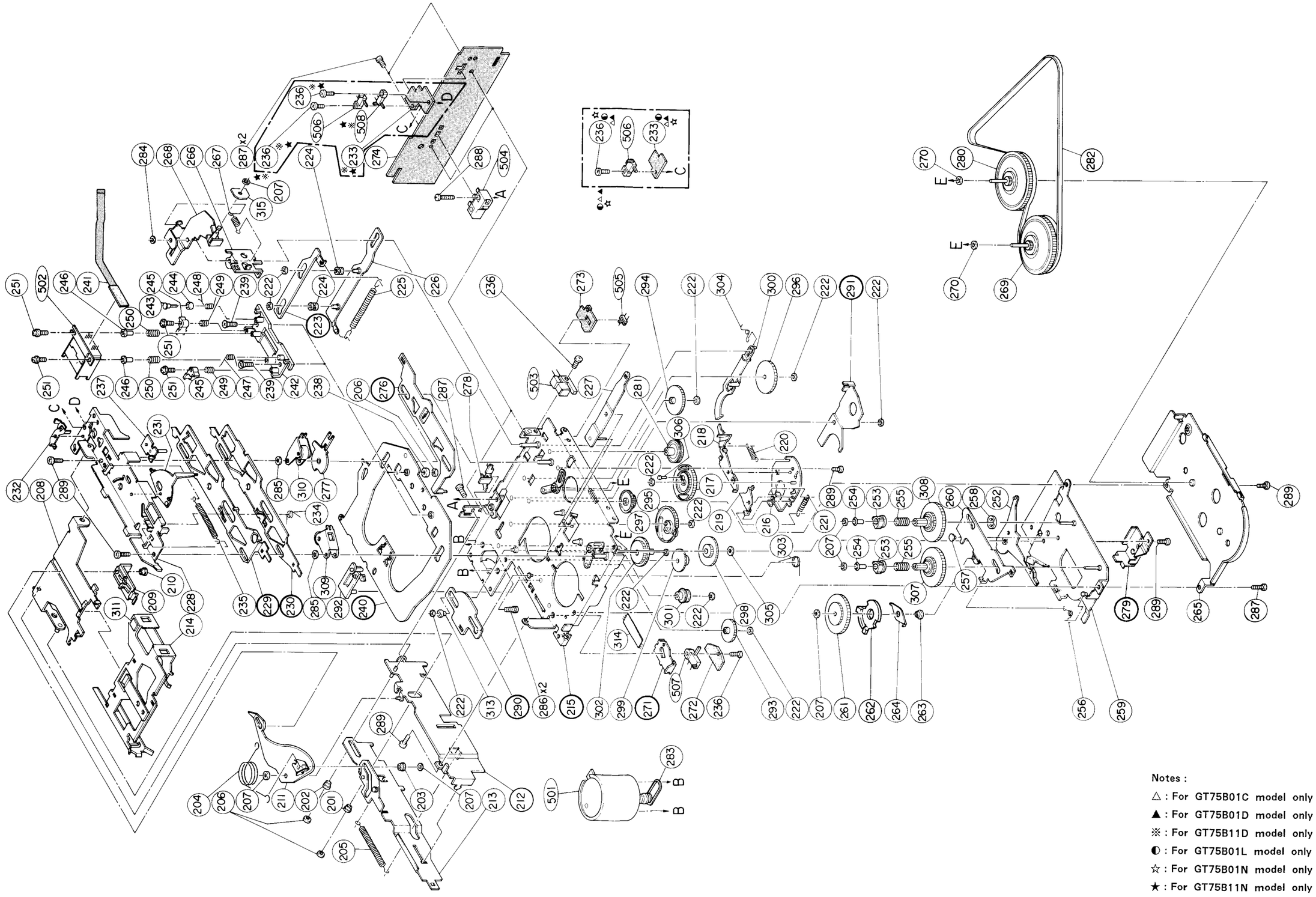
	501	5-D	01V81200F64	Assy., Motor
○	502	2-A	88T50977F01	Head, Playback
●	502	2-A	88T50977F01	Head, Playback
□	502	2-A	88T74130F01	Head, Playback
■	502	2-A	88T74130F01	Head, Playback
	503	3-D	01T80451F01	Assy., Keep Solenoid
	504	2-D	40T52216F01	Switch, Micro
	505	2-D	40T63432F01	Switch, Slide
	506		40T71025F01	Switch, Detector
	507	4-E	40T71025F03	Switch, Detector
□	508	2-C	40T71025F03	Switch, Detector
■	508	2-C	40T71025F03	Switch, Detector

NOTE : The parts without part numbers are not supplied.

Exploded View (1/3)



Exploded View (2/3)



Notes :

△ : For GT75B01C model only
▲ : For GT75B01D model only
※ : For GT75B11D model only
◐ : For GT75B01L model only
☆ : For GT75B01N model only
★ : For GT75B11N model only
Others : Common

Parts List (2/3)

△ : For GT75B01C model only, ▲ : For GT75B01D model only,
※ : For GT75B11D model only, ◐ : For GT75B01L model only,
☆ : For GT75B01N model only, ★ : For GT75B11N model only, Others : Common.

Symbol No.	Index	Part No.	Description
201	5-C	43A63281F01	Roller, Plate Base
202	5-C	43A63282F01	Roller, Eject Arm
203	5-C	43A80430F01	Roller, Eject Arm (B)
204	5-B	41A80448F01	Spring, Turn Eject
205	5-C	41B80444F04	Spring
206		04A41345P15	Washer, Lock (M1.2)
207		04A41345P02	Washer, Lock (M1.7)
208	3-A	01A82275F03	Assy., Riv. Plate Base
209	4-B	45B10376W01	Slider
210	4-B	47A63278F01	Shaft, Slider
211	5-B	01A80457F01	Assy., Riv. Eject Arm
213	5-D	01A80983F01	Assy., Riv. Eject Lever
214	4-B	01A63494F01	Assy., Riv. Cassette Holder
216	4-E	01A80461F01	Assy., Riv. Reverse Frame
217	3-E	44B80378F01	Gear, Change
218	3-E	45A80366F01	Lever, Reverse Lock
219	4-E	45A80367F01	Lever, Reverse Act
220	3-F	41B80444F02	Spring
221	4-E	41B80444F03	Spring
222		04A41345P01	Washer, Lock (M1.2)
224		43A80431F01	Roller, Sub Head Base
225	2-C	41B80444F01	Spring
226	2-C	01A80454F01	Assy., Riv. Head Base Act
227	3-D	01A80458F01	Assy., Riv. RF Arm
228	4-B	07B80356F01	Bracket, RF Frame
231	3-B	01A84687F01	Assy., Riv. RF Link
232	3-A	45A80361F01	Lever, Mute
※ 233	2-C	84A84245F01	Mute Switch P. C. Board
▲ 233	2-D	84A82645F01	Mute Switch P. C. Board
△ 233	2-D	84A82645F01	Mute Switch P. C. Board
◐ 233	2-D	84A82645F01	Mute Switch P. C. Board
☆ 233	2-D	84A82645F01	Mute Switch P. C. Board
★ 233	2-C	84A84245F01	Mute Switch P. C. Board

Symbol No.	Index	Part No.	Description
234	3-C	41A80446F01	Spring, RF Lever
235	4-B	41B80444F06	Spring
236		03S10042W02	Screw, Pan (M2 × 7)
237	3-A	01A80459F01	Assy., Riv. Program Push Lever
238	3-C	43A80427F01	Roller, Head Base (C)
239		03S56479F07	Screw, Countersunk (M2.6 × 3)
241	2-A	84T10306W01	Head P. C. Board
242	3-B	07B80396F01	Frame, Head
243	2-B	47A80493F01	Shaft, Head Frame
244	2-B	43A80492F01	Roller, Head Frame
245		43B63198F01	Tape, Guide
246		43A80428F01	Roller, Head
247	3-B	41A63286F03	Spring, Pinch Roller
248	2-B	41A63286F04	Spring, Pinch Roller
249		41A63290F01	Spring, Tape Guide
250		41A80445F01	Spring, Head
251		03S40019G03	Screw, F-Locks (M2 × 4)
252	3-F	45A80386F01	Lever, Swing
253		49A64626F01	Reel, Ring
254		49A64627F01	Reel, Cap
255		41A64628F01	Spring, Reel
256	4-G	41A80450F01	Spring, Reel Clutch
257	4-F	03A80490F01	Screw, Flat (M1.7 × 1.5)
258	3-F	04S40075G23	Washer, Polyslider (M5.2)
259	4-G	01A80462F01	Assy., Riv. Bracket Reel
260	3-F	01A80463F01	Assy., Riv. Sub Reel
261	4-E	44A80392F01	Gear, Clutch
262	5-F	45A10318W01	Lever, Clutch
263	4-F	43A80394F01	Bush, Clutch
264	4-F	41A80395F01	Spring, Clutch
265	4-G	01V81200F63	Assy., Flywheel Bracket
266	2-B	45A80364F01	Lever, RF Lock
267	2-B	41B80444F05	Spring
268	2-B	01A94367F01	Assy., Riv. Play Solenoid
269	2-F	01T63210F05	Assy., Flywheel

NOTE : The parts without part numbers are not supplied.

△ : For GT75B01C model only, ▲ : For GT75B01D model only, ※ : For GT75B11D model only,
◐ : For GT75B01L model only, ☆ : For GT75B01N model only, ★ : For GT75B11N model only,
Others : Common.

Symbol No.		Index	Part No.	Description		
	270		04S40075G05	Washer, Polyslider (M2.1)		
	272	4-E	84A82646F01	Metal Switch P. C. Board		
	273	2-D	84A80432F01	Program Switch P. C. Board		
△	274	2-C	01V11300W54	Assy., GT Control P. C. Board		
☆	274	2-C	01V14300W94	Assy., GT Control P. C. Board		
▲	274	2-C	01V11400W38	Assy., GT Control P. C. Board		
※	274	2-C	01V11300W53	Assy., GT Control P. C. Board		
◐	274	2-C	01V14300W94	Assy., GT Control P. C. Board		
★	274	2-C	01V11300W53	Assy., GT Control P. C. Board		
	277	3-C	45A80373F01	Lever, Program		
	278	3-C	45A80375F01	Lever, Switch		
	280	2-F	01T63210F06	Assy., Flywheel		
	281	3-D	49A83022F01	Pully, Idler		
	282	2-G	42A40969F01	Belt		
	283	5-E	42A80397F01	Belt		
	284	2-B	04A41345P14	Washer, Lock (M2.1)		
	285		04A41345P25	Washer, Lock (M3.1)		
	286	4-D	03D40014G12	Screw, W/Washer (M2.6 × 4)		
	287		03S44205G07	Screw, Pan (M2.6 × 5)		
	288	2-C	03S68259F06	Screw, Bind (M2.3 × 8)		
	289		03S10042W11	Screw, Pan (M1.7 × 2.5)		
	292	4-C	45A80387F01	Lever, Reel Brake		
	293	4-E	44A63196F01	Gear, Take Up		
	294	2-D	44A80382F01	Gear, Take Up		
	295	3-D	44B80379F01	Gear, Pause		
	296	2-E	44A80380F01	Gear, Reverse Act		
	297	4-D	44A80381F01	Gear, Reverse Idler		
	298	4-E	44A80383F01	Gear, Pause Idler		
	299	4-D	44A80385F01	Gear, Motor Idler		
	300	2-E	45B80388F01	Lever, Trigger		
	301	4-E	44A80384F01	Gear, Pulley		
	302	4-D	44A63197F01	Gear, RF Idler		
	303	4-E	41A80447F01	Spring, Pack		
	304	2-E	41A80449F01	Spring, Program Trigger		
	305	4-E	04A41345P04	Washer, Lock (M2.6)		

Symbol No.		Index	Part No.	Description		
	306	3-E	47A80423F01	Shaft, Change Gear		
	307	4-F	01T80390F01	Assy., Reel		
	308	3-F	01T80390F02	Assy., Reel		
	309	4-C	01T80433F01	Assy., Pinch Roller		
	310	3-C	01T80433F02	Assy., Pinch Roller		
	311	4-B	43A90918F01	Spacer, Polyslider		
	313	4-D	43A90769F01	Roller, Eject Com		
	314	4-D	30T84002F01	Wire, Parallel 2P		
	315	2-B	76T95077F01	1Chip		
	316		03S44205G42	Screw, Pan (M2.6 × 4)		

Miscellaneous

△	501	5-D	01V11700W05	Assy., Motor		
▲	501	5-D	01V93800F53	Assy., Motor		
※	501	5-D	01V11700W05	Assy., Motor		
◐	501	5-D	01V11700W05	Assy., Motor		
☆	501	5-D	01V11700W05	Assy., Motor		
★	501	5-D	01V11700W05	Assy., Motor		
△	502	2-A	88T50977F02	Head, Playback		
▲	502	2-A	88T50977F02	Head, Playback		
※	502	2-A	88T74130F02	Head, Playback		
◐	502	2-A	88T50977F02	Head, Playback		
☆	502	2-A	88T50997F02	Head, Playback		
★	502	2-A	88T74130F02	Head, Playback		
	503	3-D	01T80451F01	Assy., Keep Solenoid		
	504	1-D	40T52216F01	Switch, Micro		
	505	2-D	40T63432F01	Switch, Slide		
	506		40T71025F01	Switch, Detect		
	507	4-E	40T71025F03	Switch, Detect		
※	508	1-C	40T71025F03	Switch, Detect		
★	508	1-C	40T71025F03	Switch, Detect		

NOTE : The parts without part numbers are not supplied.

Parts List (3/3)

◓ : For GT75L020 model only, ◆ : For GT75L120 model only,
◨ : For GT75L02N model only, ◭ : For GT75L12N model only,
◆ : For GT75L220 model only, Others : Common.

Symbol No.	Index	Part No.	Description
201	5-C	43A63281F01	Roller, Plate Base
203	4-C	43A12105W01	Roller, Eject Arm (B)
204	5-B	41A12411W01	Spring, Turn Eject
205	5-C	41B80444F04	Spring
206	5-B	04A41345P15	Washer, Lock (M1.2)
207		04A41345P02	Washer, Lock (M1.7)
208	3-A	01A82275F03	Assy., Rivet Plate Base
209	4-B	45B10376W01	Slider
210		47A63278F01	Shaft, Slider
211	4-C	01A12405W01	Assy., Rivet Eject Arm
213		43A12087W01	Roller, Pack Guide
214		03S40011G47	Screw, Pan (M2 × 7)
216	4-E	01A12378W01	Assy., Rivet Reverse
217	3-E	44B80378F01	Gear, Change
218	3-E	45A80366F01	Lever, Reverse Lock
219	3-E	45A80367F01	Lever, Reverse ACT
220	3-E	41B50444F02	Spring
221	3-E	41B50444F03	Spring
222		04A41345P01	Washer, Lock (M1.2)
224	4-E	41A80447F01	Spring, Pack
225	2-C	41B80444F01	Spring
226	2-C	01A12406W01	Assy., Rivet Head Base ACT
227	3-D	01A80458F02	Assy., Rivet RF Arm
228	4-B	07B80356F02	Bracket RF Frame
231	4-B	01A84687F01	Assy., Rivet Link
232	2-B	76T95077F01	Chip
233	5-D	45B12076W01	Lever, Eject
234	3-C	41A80446F01	Spring, RF Lever
235	4-B	41B80444F06	Spring
236	4-E	44A63196F01	Gear, Take Up
237	3-A	01A80459F01	Assy., Rivet Program Push
238	4-B	07C63151F02	Holder, Cassette
241	2-A	84T15796W01	Head P. C. Board
242	1-B	07B12806W01	Frame, Head
243	2-B	47A80493F01	Shaft, Head Frame
244	2-B	43A80492F01	Roller, Head Frame
247	2-B	41A63286F03	Spring, Pinch Roller
248	3-B	41A63286F04	Spring, Pinch Roller
249	2-E	44A80382F01	Gear, Take Up
250	1-B	41A13824W01	Spring, Head
251	2-A	03S40019G03	Screw, F−Lock (M2 × 4)
252	3-F	45A80386F01	Lever, Swing
253	2-B	45B12084W01	Lever, Play Solenoid
254	4-E	30T84002F01	Wire, Metal Switch
255	4-G	01V16100W82	Assy., Flywheel Bracket
256		41A80450F01	Spring, Reel Clutch
257	3-H	03A63557F02	Screw, Pan (M1.7 × 2.5)
◓ 258	2-C	01V14500W06	Assy., GT Control P. C. Board
◨ 258	2-C	01V14500W06	Assy., GT Control P. C. Board
◆ 258	2-C	01V14500W48	Assy., GT Control P. C. Board
◆ 258	2-C	01V16800W37	Assy., GT Control P. C. Board
◭ 258	2-C	01V14500W48	Assy., GT Control P. C. Board
259		01T94245F01	Assy., Reel
260	4-G	01A12403W01	Assy., Rivet Bracket Reel
261	4-E	04A41345P04	Washer, Lock (M2.6)
262	4-E	44A80392F01	Gear, Clutch
263	4-F	45A10318W01	Lever, Clutch
264	4-F	43A80394F01	Bush, Clutch
265	4-F	41A80395F01	Spring, Clutch
266	2-E	41A80449F01	Spring, Program Trigger
267	4-D	44A63197F01	Gear, RF Idler
268	2-B	45A80364F01	Lever, RF Lock
269	2-B	41B80444F05	Spring
270	2-E	45B80388F01	Lever, Trigger
271		01T63210F05	Assy., Flywheel
272		04S40075G05	Washer Polyslider (M2.1)
274	4-E	84A82646F01	Metal Switch P. C. Board
275	4-E	44A12088W01	Gear, Motor Idler
276	4-E	44A80383F01	Gear, Pause Idler
277	3-D	44A80381F01	Gear, Reverse Idler

NOTE : The parts without part numbers are not supplied.

◓ : For GT75L020 model only, ◈ : For GT75L120 model only, ◨ : For GT75L02N model only,
◭ : For GT75L12N model only, ◆ : For GT75L220 model only, Others : Common.

Symbol No.	Index	Part No.	Description		
279	3-C	45A80373F01	Lever, Program		
280	3-C	45A80375F01	Lever, Switch		
282	2-E	44A80380F01	Gear, Reverse ACT		
◈ 283	3-D	49A94719F01	Pully, Idler		
◓ 283	3-D	49A94719F01	Pully, Idler		
◨ 283	3-D	49A83022F01	Pully, Idler		
◭ 283	3-D	49A83022F01	Pully, Idler		
◆ 283	3-D	49A83022F01	Pulley, Idler		
284		42A40969F01	Belt		
285	4-D	44B80379F01	Gear, Pause		
286	2-B	04A41345P14	Washer, Lock (M2.1)		
287		04A41345P25	Washer, Lock (M3.1)		
288	4-D	03D40014G67	Screw, W/Washer (M2.6 × 3.5)		
289	2-B	03S44205G30	Screw, Pan (M2.6 × 7)		
290		03S68259F06	Screw, Bind (M2.3 × 8)		
291	4-C	01T15776W01	Assy., Pinch Roller		
292	3-B	01T15776W02	Assy., Pinch Roller		
293	3-B	45A12083W01	Lever, Switch Mute		
294		03S43997P64	Screw, Pan (M1.7 × 3)		
295		03S56479F27	Screw, Pan (M1.7 × 3)		
296	1-C	03S44205G48	Screw, Pan (M2.6 × 5)		
◈ 297		03S44205G30	Screw, Pan (M2.6 × 4)		
◓ 297		03S44205G30	Screw, Pan (M2.6 × 4)		
◨ 297		03S44205G30	Screw, Pan (M2.6 × 4)		
◭ 297		03S44205G30	Screw, Pan (M2.6 × 4)		
◆ 297		03S44205G48	Screw, Pan (M2.6 × 5)		

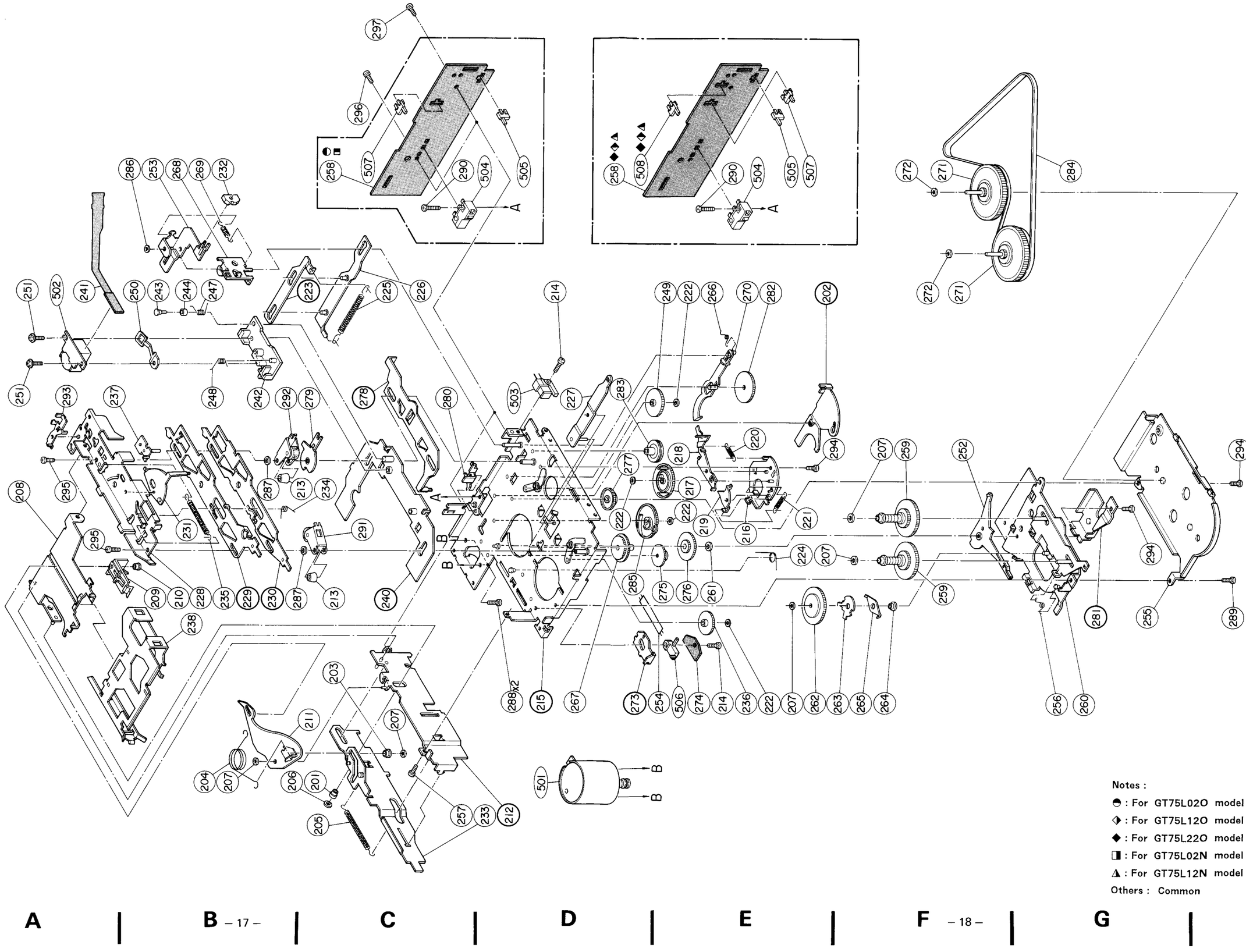
Miscellaneous

501	5-D	01V14500W41	Assy., Motor		
◓ 502	2-A	88T15795W01	Head, Playback		
◈ 502	2-A	88T16375W01	Head, Playback		
◨ 502	2-A	88T15795W01	Head, Playback		
◭ 502	2-A	88T16375W01	Head, Playback		

Symbol No.	Index	Part No.	Description		
◆ 502	2-A	88T16153W01	Head, Playback		
503		01T80451F01	Assy., Keep Solenoid		
504	2-E	40T52216F01	Switch, Micro		
505	2-E	40T71025F03	Switch, Detector		
506		40T15222W01	Switch, Detector		
507		40T15222W01	Switch, Detector		
◆ 508	2-D	40T15222W01	Switch, Detector		
◈ 508	2-D	40T15222W01	Switch, Detector		
◭ 508	2-D	40T15222W01	Switch, Detector		

NOTE : The parts without part numbers are not supplied.

Exploded View (3/3)



Notes :

◓ : For GT75L02O model only
◑ : For GT75L12O model only
◆ : For GT75L22O model only
◨ : For GT75L02N model only
◭ : For GT75L12N model only
Others : Common